

Product datasheet

Anti-LY75/DEC-205 antibody [EPR5233] - BSA and Azide free ab208649

Recombinant RabMAb

1 References 9 Images

Overview

Product name	Anti-LY75/DEC-205 antibody [EPR5233] - BSA and Azide free
Description	Rabbit monoclonal [EPR5233] to LY75/DEC-205 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: ICC, IHC-P, WB, IP
Species reactivity	Reacts with: Mouse, Human Does not react with: Rat
Immunogen	Synthetic peptide within Human LY75/DEC-205 aa 1700-1800 (intracellular). The exact sequence is proprietary.
Positive control	Human tonsil tissue; Human thymus, lymph node, tonsil and Mouse thymus lysates.
General notes	ab208649 is the carrier-free version of ab124897 This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.

Our [carrier-free formats](#) are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.

Use our [conjugation kits](#) for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

Ab208649 is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm.

Maxpar® is a trademark of Fluidigm Canada Inc.

Previously labelled as LY75.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

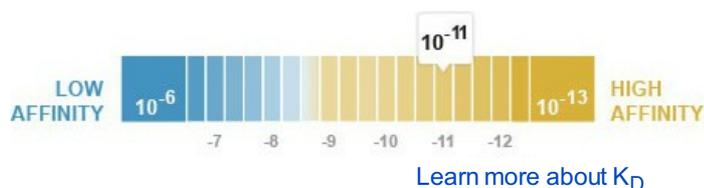
This product is a [recombinant rabbit monoclonal antibody](#).

Properties

Form Liquid

Storage instructions Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.

Dissociation constant (K_D) K_D = 2.54 x 10⁻¹¹ M



Storage buffer pH: 7.40
Constituent: PBS

Purity Protein A purified

Clonality Monoclonal

Clone number EPR5233

Isotype IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab208649** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Detects a band of approximately 205 kDa (predicted molecular weight: 198 kDa).
IP		Use at an assay dependent concentration.

Target

Function Acts as an endocytic receptor to direct captured antigens from the extracellular space to a specialized antigen-processing compartment (By similarity). Causes reduced proliferation of B-lymphocytes.

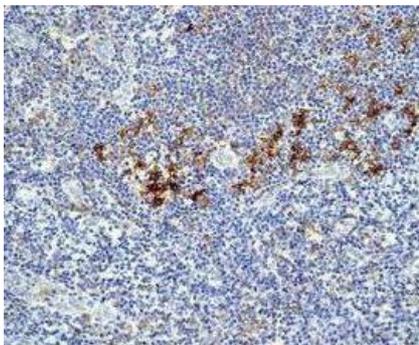
Tissue specificity Expressed in spleen, thymus, colon and peripheral blood lymphocytes. Detected in myeloid and B lymphoid cell lines. Isoform 2 and isoform 3 are expressed in malignant Hodgkin lymphoma cells called Hodgkin and Reed-Sternberg (HRS) cells.

Sequence similarities Contains 10 C-type lectin domains.
Contains 1 fibronectin type-II domain.
Contains 1 ricin B-type lectin domain.

Post-translational modifications N-glycosylated.

Cellular localization Membrane.

Images

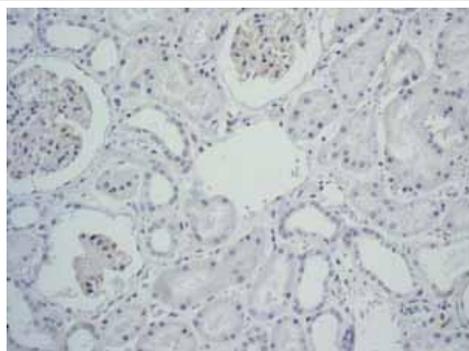


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LY75/DEC-205 antibody [EPR5233] - BSA and Azide free (ab208649)

[ab124897](#), at 1/250 dilution, staining LY75/DEC-205 in Formalin-fixed, Paraffin-embedded Human Tonsil tissue by Immunohistochemistry.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab124897](#)).

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

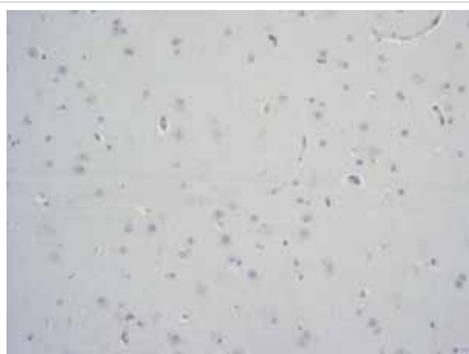


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LY75/DEC-205 antibody [EPR5233] - BSA and Azide free (ab208649)

[ab124897](#) showing negative staining in Normal kidney tissue.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab124897](#)).

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

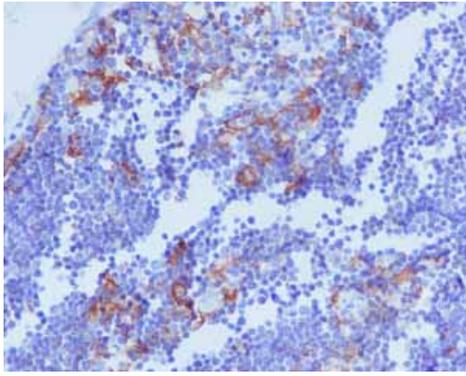


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LY75/DEC-205 antibody [EPR5233] - BSA and Azide free (ab208649)

[ab124897](#) showing negative staining in Normal brain tissue.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab124897](#)).

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

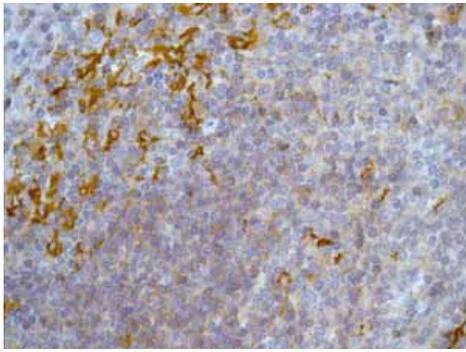


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LY75/DEC-205 antibody [EPR5233] - BSA and Azide free (ab208649)

[ab124897](#) showing positive staining in Normal thymus tissue.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab124897](#)).

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

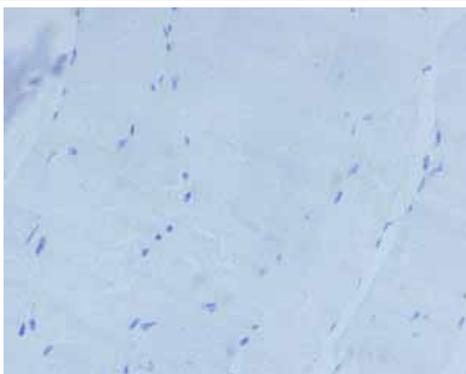


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LY75/DEC-205 antibody [EPR5233] - BSA and Azide free (ab208649)

[ab124897](#) showing positive staining in Normal spleen tissue.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab124897](#)).

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

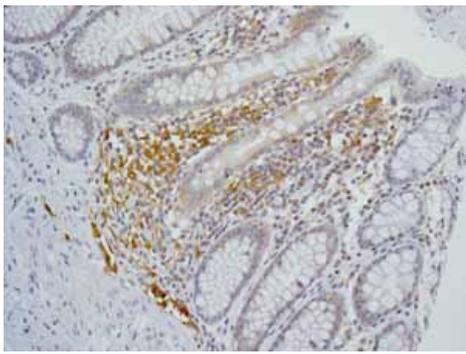


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LY75/DEC-205 antibody [EPR5233] - BSA and Azide free (ab208649)

[ab124897](#) showing negative staining in Skeletal muscle tissue.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab124897](#)).

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

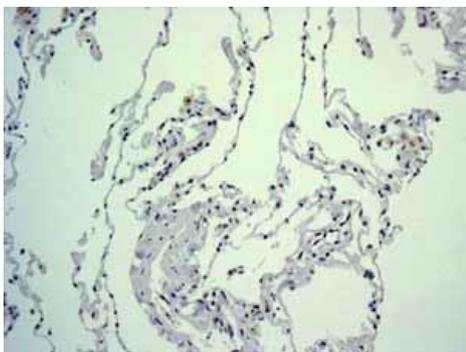


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LY75/DEC-205 antibody [EPR5233] - BSA and Azide free (ab208649)

[ab124897](#) showing positive staining in Normal colon lymphocytes tissue.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab124897](#)).

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

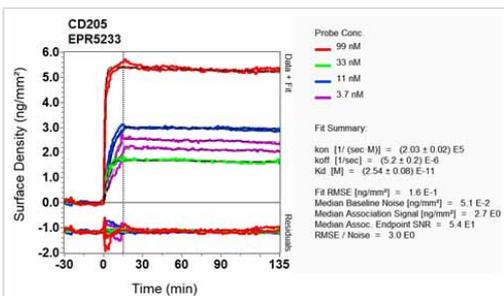


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LY75/DEC-205 antibody [EPR5233] - BSA and Azide free (ab208649)

[ab124897](#) showing negative staining in Normal lung tissue.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab124897](#)).

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Other - Anti-LY75/DEC-205 antibody [EPR5233] - BSA and Azide free (ab208649)

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab124897](#)).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Promise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors