

Product datasheet

Anti-RCL antibody [EPR8686] - BSA and Azide free ab248390

Recombinant RabMAb

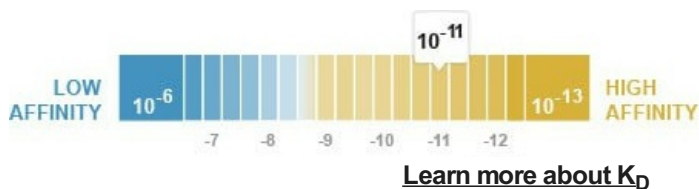
[4 Images](#)

Overview

Product name	Anti-RCL antibody [EPR8686] - BSA and Azide free
Description	Rabbit monoclonal [EPR8686] to RCL - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab248390 is the carrier-free version of ab131252.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>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.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Dissociation constant (K_D)	K _D = 3.70 x 10 ⁻¹¹ M



Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR8686
Isotype	IgG

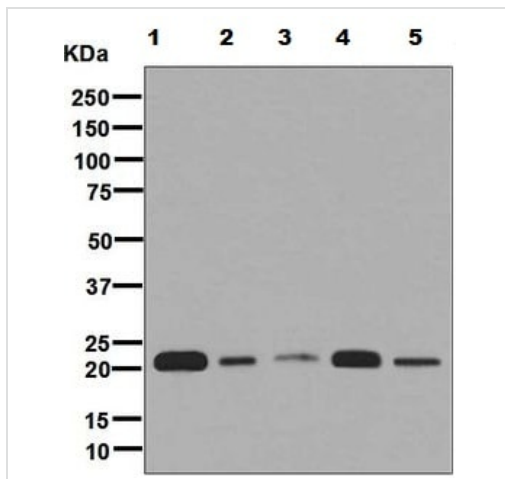
Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab248390 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
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Detects a band of approximately 23 kDa (predicted molecular weight: 19 kDa).

Target

Function	Catalyzes the cleavage of the N-glycosidic bond of deoxyribonucleoside 5'-monophosphates to yield deoxyribose 5-phosphate and a purine or pyrimidine base. Deoxyribonucleoside 5'-monophosphates containing purine bases are preferred to those containing pyrimidine bases.
Tissue specificity	Expressed at low levels in brain, colon, lung, peripheral blood leukocytes, placenta, small intestine, and thymus. Expressed at high levels in heart, kidney, liver, skeletal muscle and spleen. Overexpressed in a significant proportion of breast cancers.
Sequence similarities	Belongs to the deoxyribonucleoside 5'-monophosphate N-glycosidase family.
Cellular localization	Nucleus. Cytoplasm.



Western blot - Anti-RCL antibody [EPR8686] - BSA and Azide free (ab248390)

All lanes : Anti-RCL antibody [EPR8686] ([ab131252](#)) at 1/10000 dilution

Lane 1 : K562 cell lysate

Lane 2 : HepG2 cell lysate

Lane 3 : HeLa cell lysate

Lane 4 : Jurkat cell lysate

Lane 5 : MCF7 cell lysate

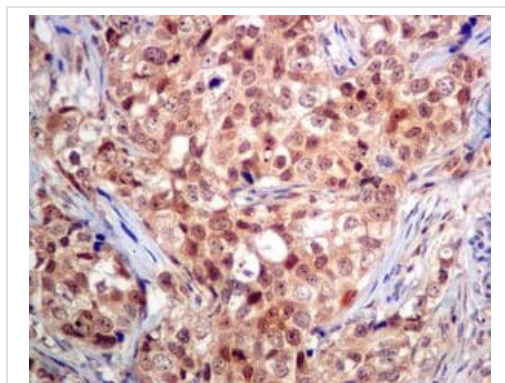
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled Goat anti Rabbit IgG at 1/2000 dilution

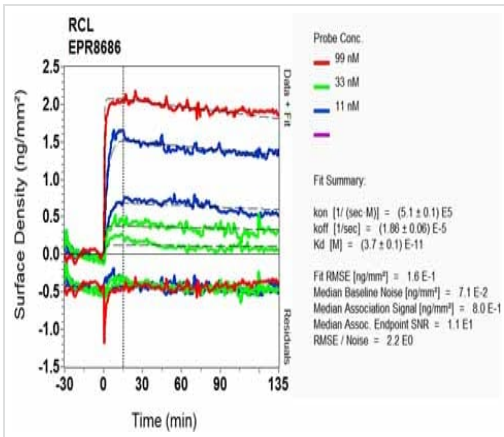
Predicted band size: 19 kDa

This data was developed using [ab131252](#), the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RCL antibody [EPR8686] - BSA and Azide free (ab248390)

This data was developed using [ab131252](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin embedded Human breast carcinoma tissue labelling RCL with [ab131252](#) antibody at 1/100 dilution. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



OI-RD Scanning - Anti-RCL antibody [EPR8686] -
BSA and Azide free (ab248390)

This data was developed using [ab131252](#), the same antibody clone in a different buffer formulation. Equilibrium disassociation constant (K_D)

Learn more about K_D

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

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-RCL antibody [EPR8686] - BSA and Azide free (ab248390)

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