

Product datasheet

Anti-RP105 antibody [MHR73-11] - Low endotoxin, Azide free ab171238

1 Image

Overview

Product name	Anti-RP105 antibody [MHR73-11] - Low endotoxin, Azide free
Description	Mouse monoclonal [MHR73-11] to RP105 - Low endotoxin, Azide free
Host species	Mouse
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	The details of the immunogen for this antibody are not available.
Positive control	Human peripheral blood leukocyte cells.
General notes	<p>Endotoxin Level: Less than 0.001 ng/µg antibody, as determined by the LAL assay.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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 long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Constituent: 100% PBS
Carrier free	Yes
Purity	Protein G purified
Clonality	Monoclonal
Clone number	MHR73-11
Isotype	IgG1

Light chain type

kappa

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab171238 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
Flow Cyt		Use at an assay dependent concentration. ab171238 can be used at less than or equal to 1µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10e5 to 10e8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Target

Function

May cooperate with MD-1 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS) in B-cells. Leads to NF-kappa-B activation. Also involved in the life/death decision of B-cells.

Tissue specificity

Expressed mainly on mature peripheral B cells. Detected in spleen, lymph node and appendix. Not detected in pre-B and -T cells.

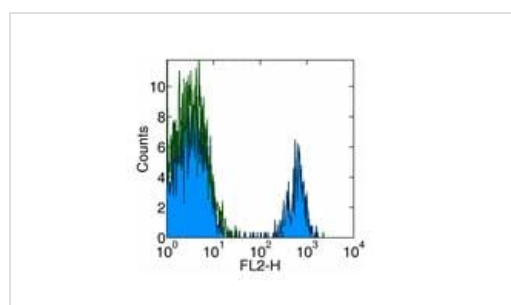
Sequence similarities

Belongs to the Toll-like receptor family.
Contains 19 LRR (leucine-rich) repeats.
Contains 1 LRRCT domain.

Cellular localization

Cell membrane.

Images



Flow Cytometry - Anti-RP105 antibody [MHR73-11] -
Low endotoxin, Azide free (ab171238)

Flow cytometry analysis of Human peripheral blood cells (10e5 to 10e8) labeling RP105 with the PE conjugated version of ab171238. Appropriate isotype controls were used (open histogram). Cells in the lymphocyte population were used for analysis.

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

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