

Anti-JAML antibody [EPR15289] - BSA and Azide free ab232632

Recombinant RabMAb

3 Images

Overview

Product name	Anti-JAML antibody [EPR15289] - BSA and Azide free
Description	Rabbit monoclonal [EPR15289] to JAML - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: C6 and RAW 264.7 whole cell lysates.
General notes	ab232632 is the carrier-free version of ab183714 .

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.

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.

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.

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.

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR15289
Isotype	IgG

Applications

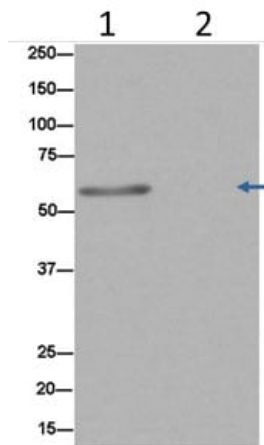
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab232632 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 60 kDa (predicted molecular weight: 44 kDa).
IP		Use at an assay dependent concentration.

Target

Function	May function in transmigration of leukocytes through epithelial and endothelial tissues. Expressed at the plasma membrane of polymorphonuclear leukocytes, it mediates adhesive interactions with CXADR, a protein of the junctional complex of epithelial cells. Enhances myeloid leukemia cell adhesion to endothelial cells.
Tissue specificity	Expression is restricted to the hematopoietic tissues with the exception of liver. Expressed in fetal liver, spleen and thymus.
Sequence similarities	Belongs to the immunoglobulin superfamily. Contains 2 Ig-like V-type (immunoglobulin-like) domains.
Domain	The Ig-like V-type domain 2 mediates interaction with CXADR.
Cellular localization	Cell junction. Cell membrane. Localized at the plasma membrane in areas of cell-cell contacts and at the cell surface of PMN.

Images



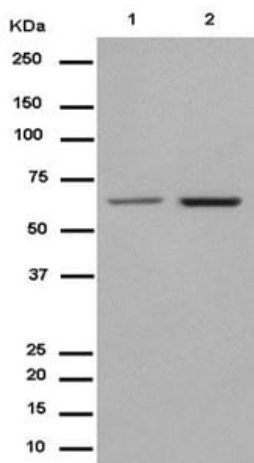
Immunoprecipitation - Anti-JAML antibody
[EPR15289] - BSA and Azide free (ab232632)

Western blot analysis of JAML in 293 cell lysate

immunoprecipitated using **ab183714** at 1/50 dilution (Lane 1). Lane 2 : TBS instead of 293 lysate.

Secondary antibody: Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1500 dilution

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab183714**).



Western blot - Anti-JAML antibody [EPR15289] -
BSA and Azide free (ab232632)

All lanes : Anti-JAML antibody [EPR15289] (**ab183714**) at 1/5000 dilution

Lane 1 : C6 (rat glioma cell line) whole cell lysate

Lane 2 : RAW 264.7 (mouse macrophage cell line transformed with Abelson murine leukemia virus) whole cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 44 kDa

Observed band size: 60 kDa

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab183714**).

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-JAML antibody [EPR15289] - BSA and Azide free (ab232632)

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

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