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Datasheet for ABIN2856434

anti-MZB1 antibody

2 Images

Overview

Quantity:	100 µL
Target:	MZB1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MZB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PACAP. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit polyclonal antibody to PACAP PACAP antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	MZB1
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Target Details

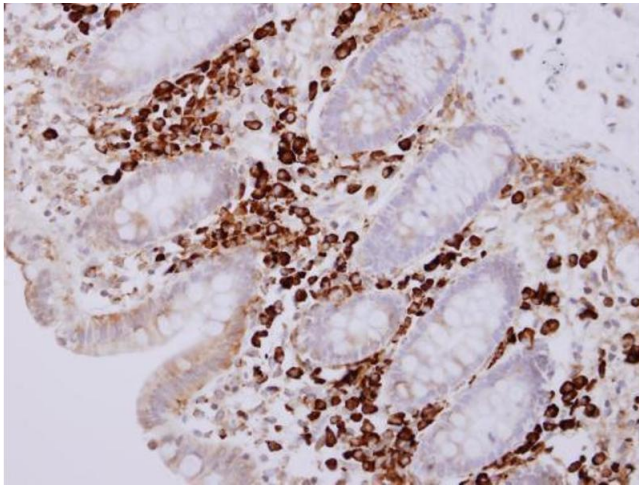
Alternative Name:	marginal zone B and B1 cell specific protein (MZB1 Products)
Background:	Associates with immunoglobulin M (IgM) heavy and light chains and promotes IgM assembly and secretion. May exert its effect by acting as a molecular chaperone or as an oxidoreductase as it displays a low level of oxidoreductase activity (By similarity). Isoform 2 may be involved in regulation of apoptosis. Cellular Localization: Secreted (Potential) , Cytoplasm
Molecular Weight:	21 kDa
Gene ID:	51237
UniProt:	Q8WU39
Pathways:	Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. IHC-Fr: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Molt-4 , Raji , mouse spleen
Restrictions:	For Research Use only

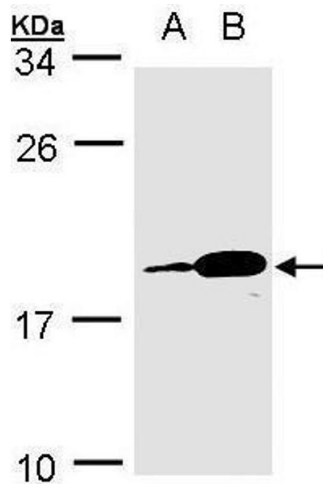
Handling

Format:	Liquid
Concentration:	1.02 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Immunohistochemistry

Image 1. IHC-P Image PACAP antibody [N1C3] detects PACAP protein at cytosol on human normal colon mucosa with lymphocyte by immunohistochemical analysis. Sample: Paraffin-embedded normal colon mucosa with lymphocyte. PACAP antibody [N1C3] , dilution: 1:500.



Western Blotting

Image 2. WB Image Sample(30 ug whole cell lysate) A:MOLT4 , B:Raji , 15% SDS PAGE antibody diluted at 1:1000