

## Anti-MZB1 Antibody Picoband® FITC Conjugated

Catalog Number: A08281-1-FITC

### About MZB1

Marginal zone B and B1 cell-specific protein is a protein that in humans is encoded by the MZB1 gene. MZB1, also named as ,PACAP, MGC29506 and pERp1, belongs to the PERP1 family. It associates with immunoglobulin M (IgM) heavy and light chains and promotes IgM assembly and secretion. MGC29506(PACAP) may exert its effect by acting as a molecular chaperone or as an oxidoreductase as it displays a low level of oxidoreductase activity. Isoform 2 may be involved in regulation of apoptosis. (PubMed: 11350957) MZB1 has 5 isoforms with MW 21kd and 7-13kd.

### Overview

Product Name	Anti-MZB1 Antibody Picoband® FITC Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IF, IHC, ICC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q8WU39

### Technical Details

Immunogen	E.coli-derived human MZB1 recombinant protein (Position: D23-L189).
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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