

Anti-MZB1/PERP1 Antibody (1A338)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	1A338
Purification:	Protein A

Applications

Verified Activity:	1. Immunochemical staining of human MGC29506 in human spleen with rabbit monoclonal antibody (1:500, formalin-fixed paraffin embedded sections).
	2. Immunochemical staining of human MGC29506 in human small intestine with rabbit monoclonal antibody (1:500, formalin-fixed paraffin embedded sections).
Application:	IHC-P
Recommended	IHC-P: 1:250-1:1000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human PERP1 / MZB1 Protein (TMPY-03630)
Antigen Species:	Human
Synonyms:	HSPC190;pERp1;PACAP;MEDA-7;marginal zone B and B1 cell-specific protein

Research Background

MZB1 (Marginal Zone B And B1 Cell Specific Protein, also known as MEDA-7 and pERp1) is a Protein Coding gene. MZB1 is a B-cell-specific and endoplasmic reticulum (ER)-localized protein implicated in antibody secretion and integrin-mediated cell adhesion. MZB1 is important for B cell function as a key regulator of antibody secretion, calcium homeostasis, and adhesion. MZB1 may play a central role in B cell neoplasms and is a potential target for future therapeutic interventions. Low MZB1 expression was an independent prognostic factor for recurrence after curative gastrectomy and was associated significantly with increased hematogenous recurrence. MZB1 acts as a suppressor of gastric cancer (GC). Low MZB1 expression in the primary GC tissue is predictive of recurrence after curative resection.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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