

Rabbit anti-Human MZB1/PERP1 Polyclonal Antibody | anti-MZB1 antibody

Anti-MZB1/PERP1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255838	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

MZB1/PERP1; Polyclonal Antibody; Anti-MZB1/PERP1 Antibody; Rabbit Polyclonal; PERP1/MZB1 Antibody; Rabbit PAb; Antigen Affinity Purified; marginal zone B and B1 cell-specific protein; Anti-HSPC190 Antibody; Anti-MEDA-7 Antibody; Anti-PACAP Antibody; Anti-pERp1 Antibody; anti-MZB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PERP1/MZB1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-MZB1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human PERP1/MZB1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human PERP1/MZB1 (rh PERP1/MZB1). PERP1/MZB1 specific IgG was purified by Human PERP1/MZB1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-MGC29506 rabbit polyclonal antibody at 1:500 dilution Lane A: Molt4 Whole Cell Lysate Lane B: Raji Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 21 kDa Observed band size: 18 kDa (We are unsure as to the identity of these extra bands).



IP (Immunoprecipitation)

MGC29506 was immunoprecipitated using: Lane A: 0.5 mg Raji Whole Cell Lysate Lane B: 0.5 mg Daudi Whole Cell Lysate 2 uL anti-MGC29506 rabbit polyclonal antibody and 15 uL of 50 % Protein G agarose. Primary antibody: Anti-MGC29506 rabbit polyclonal antibody, at 1:200 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odssey technique. Performed under reducing conditions. Predicted band size: 20 kDa Observed band size: 20 kDa

**IHC (Immunohistochemistry)**

Immunochemical staining of human MGC29506 in human spleen with rabbit polyclonal antibody (1:10000, formalin-fixed paraffin embedded sections).

**IHC (Immunohistochemistry)**

Immunochemical staining of human MGC29506 in human small intestine with rabbit polyclonal antibody (1:10000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION**Related Product Information for anti-MZB1 antibody**

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	117938314
NCBI GeneID	51237
NCBI Accession #	NP_057543
NCBI GenBank Nucleotide #	NM_016459
UniProt Accession #	Q8WU39; Q7Z6N2; Q96RL5; Q9P0T3; D2IYS0
Molecular Weight	6,681 Da
NCBI Official Full Name	marginal zone B- and B1-cell-specific protein
NCBI Official Synonym Full Names	marginal zone B and B1 cell-specific protein
NCBI Official Symbol	MZB1
NCBI Official Synonym Symbols	PACAP; pERp1; MEDA-7
NCBI Protein Information	marginal zone B- and B1-cell-specific protein; HSPC190; caspase-2 binding protein; mesenteric estrogen-dependent adipose 7; mesenteric oestrogen-dependent adipose gene- 7; plasma cell-induced ER protein 1; plasma cell-induced resident ER protein; plasma c
UniProt Protein Name	Marginal zone B- and B1-cell-specific protein
UniProt Gene Name	MZB1
UniProt Synonym Gene Names	MEDA7; PACAP; MEDA-7; Plasma cell-induced resident ER protein; pERp1
UniProt Entry Name	MZB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mzb1-perp1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/255838>