

Mouse anti-Human, Pig Pepsinogen A (PGA) Monoclonal Antibody | anti-PGA antibody

Monoclonal Antibody to Pepsinogen A (PGA)

CATALOG # AAA152853	HOST Mouse	REACTIVITY Human, Pig	APPLICATIONS Immunohistochemistry, Western Blot
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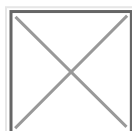
PRODUCT SYNONYMS

Pepsinogen A (PGA); Monoclonal Antibody; Monoclonal Antibody to Pepsinogen A (PGA); Pepsinogen A; PGA5; PG-A; Pepsinogen 5 Group I; Pepsinogen-5; Pepsin A-5; anti-PGA antibody

PRODUCT SPECIFICATIONS

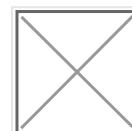
Host	Mouse
Reactivity	Human, Pig
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C17
Specificity	The antibody is a mouse monoclonal antibody raised against PGA. It has been selected for its ability to recognize PGA in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Val63~Phe163+Gly206~Ser295
Applicable Applications for anti-PGA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Pepsinogen A (PGA)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



WB (Western Blot)

Western Blot; Sample: Lane1: human Urine; Lane2: Porcine Stomach lysate
Primary Ab: 3ug/ml Mouse Anti-human PGA Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: Porcine Stomach Tissue
Primary Ab: 30ug/ml Mouse Anti-human PGA Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2 ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-PGA antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Enzyme & Kinase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	129792
NCBI GeneID	5222
UniProt Accession #	P00790; P0DJD9
NCBI Official Synonym Full Names	pepsinogen 5, group I (pepsinogen A)
NCBI Official Symbol	PGA5
NCBI Official Synonym Symbols	Pg5
NCBI Protein Information	pepsin A-5

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pepsinogen-a-pga-antibody-clone-c17-immunohistochemistry-western-blot-elisa/152853>