

Rabbit anti-Human, Mouse SIG12 Polyclonal Antibody | anti-SIG12 antibody

SIG12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319847	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

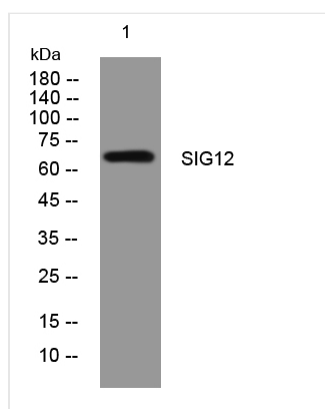
PRODUCT SYNONYMS

SIG12; Polyclonal Antibody; SIG12 Antibody; anti-SIG12 antibody

PRODUCT SPECIFICATIONS

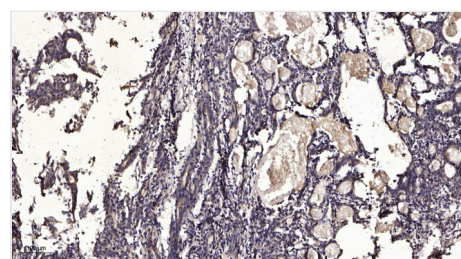
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of SIG12 at Human/Mouse
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SIG12 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from human SIG12 AA range: 200-250
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4 degree over night



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

Related Product Information for anti-SIG12 antibody	Sialic acid-binding immunoglobulin-like lectins (SIGLECs) are a family of cell surface proteins belonging to the immunoglobulin superfamily. They mediate protein-carbohydrate interactions by selectively binding to different sialic acid moieties present on glycolipids and glycoproteins. This gene encodes a member of the SIGLEC3-like subfamily of SIGLECs. Members of this subfamily are characterized by an extracellular V-set immunoglobulin-like domain followed by two C2-set immunoglobulin-like domains, and the cytoplasmic tyrosine-based motifs ITIM and SLAM-like. The encoded protein, upon tyrosine phosphorylation, has been shown to recruit the Src homology 2 domain-containing protein-tyrosine phosphatases SHP1 and SHP2. It has been suggested that the protein is involved in the negative regulation of macrophage signaling by functioning as an inhibitory receptor. This gene is located in a cluster with other SIGLEC3-like genes on 19q13.4. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]
Product Categories/Family for anti-SIG12 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	16506828
NCBI GeneID	89858
NCBI Accession #	NP_443729.1
NCBI GenBank Nucleotide #	NM_053003.2
UniProt Accession #	Q96PQ1; Q8IYH7
Molecular Weight	64,984 Da
NCBI Official Full Name	sialic acid-binding Ig-like lectin 12 isoform a
NCBI Official Synonym Full Names	sialic acid binding Ig-like lectin 12 (gene/pseudogene)
NCBI Official Symbol	SIGLEC12
NCBI Official Synonym Symbols	S2V; SLG; SIGLECL1; Siglec-XII
NCBI Protein Information	sialic acid-binding Ig-like lectin 12; SIGLEC-like 1; sialic acid-binding Ig-like lectin-like 1
UniProt Protein Name	Sialic acid-binding Ig-like lectin 12
UniProt Gene Name	SIGLEC12
UniProt Synonym Gene Names	SIGLECL1; SLG; Siglec-12; Siglec-L1
UniProt Entry Name	SIG12_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.