

anti-Human TREM2 / TREM-2 Polyclonal Antibody | anti-TREM2 antibody

Goat Polyclonal to Human TREM2 / TREM-2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50873	TREM2/TREM-2 antibody was produced in Goat	Human	ELISA, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

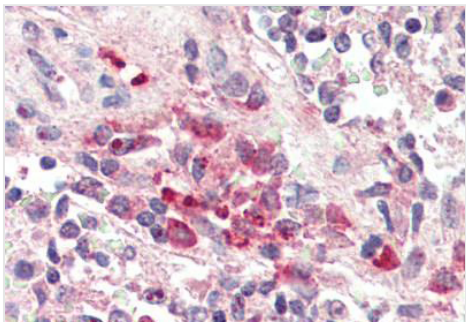
TREM2 / TREM-2; Polyclonal Antibody; Goat Polyclonal to Human TREM2 / TREM-2; Anti-TREM2 / TREM-2 Antibody (C-Terminus) IHC-plus; TREM2; Trem2b; TREM-2; Trem2a; Trem2c; Human TREM2; anti-TREM2 antibody

PRODUCT SPECIFICATIONS

Host	TREM2/TREM-2 antibody was produced in Goat
Reactivity	Human
Clonality	Polyclonal
Specificity	Human TREM2
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	TBS, pH 7.3, 0.02% Sodium Azide, 0.5% BSA
Concentration	0.5mg/ml (varies by lot)
Sequence Length	199-212
Applicable Applications for anti-TREM2 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	TREM2/TREM-2
Immunogen Species	TREM2/TREM-2 antibody was raised against Human
Immunogen	TREM2/TREM-2 antibody was raised against peptide with sequence C-HGQKPGTHPPSELD, from the C-Terminus of protein sequence according to NP_061838.1.
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Preparation and Storage	Aliquot and store at -20°C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Anti-TREM2 antibody IHC of human spleen, macrophages. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9507203
NCBI GeneID	54209
NCBI Accession #	NP_061838.1
NCBI GenBank Nucleotide #	NM_018965.3
UniProt Accession #	Q9NZC2; Q8N5H8; Q8WYN6
NCBI Official Full Name	triggering receptor expressed on myeloid cells 2 isoform 1
NCBI Official Synonym Full Names	triggering receptor expressed on myeloid cells 2
NCBI Official Symbol	TREM2
NCBI Official Synonym Symbols	TREM-2; Trem2a; Trem2b; Trem2c
NCBI Protein Information	triggering receptor expressed on myeloid cells 2; triggering receptor expressed on monocytes 2; triggering receptor expressed on myeloid cells 2a
UniProt Protein Name	Triggering receptor expressed on myeloid cells 2
UniProt Gene Name	TREM2
UniProt Synonym Gene Names	TREM-2
UniProt Entry Name	TREM2_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/trem2-trem-2-antibody-peptide-elisa-immunohistochemistry-immunohistochemistry-elisa/50873>