

Mouse anti-Human TMIGD2 Monoclonal Antibody | anti-TMIGD2 antibody

TMIGD2 Antibody [8A1]

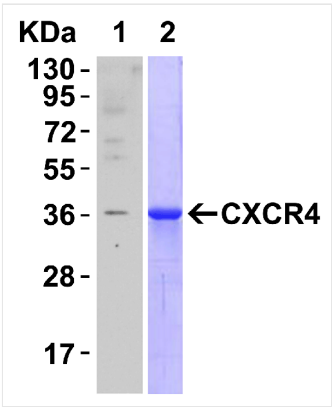
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40895	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

TMIGD2; Monoclonal Antibody; TMIGD2 Antibody [8A1]; IGPR1; IGPR-1; UNQ3059/PRO9879; Transmembrane and immunoglobulin domain-containing protein 2; Immunoglobulin and proline-rich receptor CD28 homolog; CD28H; anti-TMIGD2 antibody

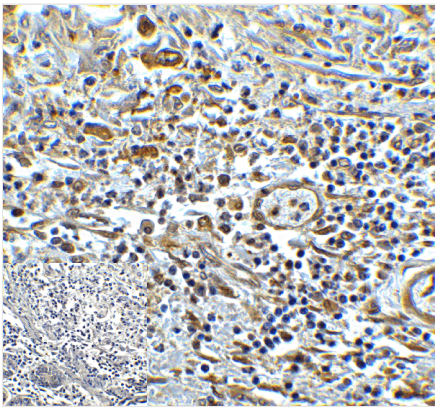
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	8A1
Purity/Purification	Protein A Purified
Form/Format	Liquid; Supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	278
Applicable Applications for anti-TMIGD2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen	TMIGD2 antibody was raised against the extracellular domain of human TMIGD2
Conjugate	Unconjugated
Preparation and Storage	Store at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



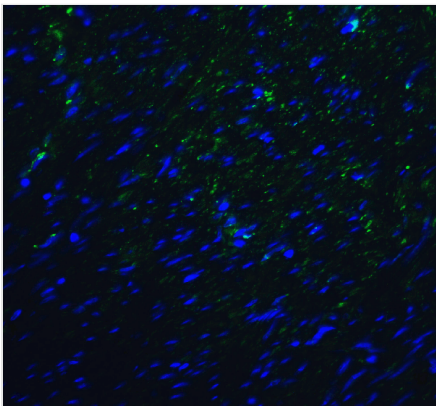
FCM/FACS (Flow Cytometry)

Flow cytometry analysis of TMIGD2 overexpressing HEK293 cells using TMIGD2 antibody and control mouse IgG antibody at 10 μ g/ml. Blue: Untransfected HEK293 cells. Yellow: TIM-3 overexpressing HEK293 cells.



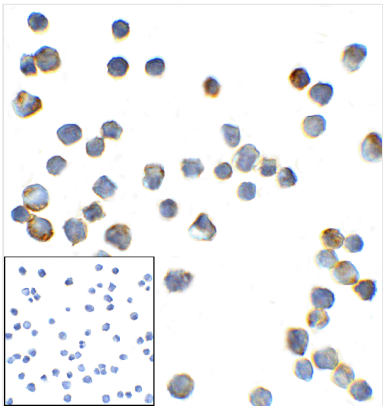
IHC (Immunohistochemistry)

Immunohistochemistry of TMIGD2 in human colon carcinoma tissue with TMIGD2 antibody at 5 μ g/mL.



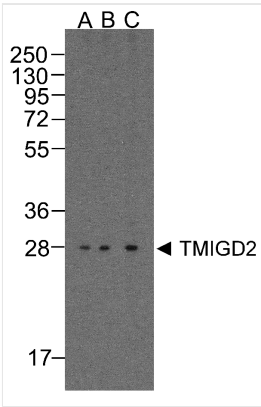
IF (Immunofluorescence)

Immunofluorescence of TMIGD2 in human colon carcinoma tissue with TMIGD2 antibody at 20 μ g/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of TMIGD2 in transfected HEK293 cells with TMIGD2 antibody at 2 μ g/mL. Lower left: Immunocytochemistry in transfected HEK293 cells with control mouse IgG antibody at 2 μ g/mL.



WB (Western Blot)

Western blot analysis of TMIGD2 in overexpressing HEK293 cells TMIGD2 antibody at 0.25, 0.5, and 1 μ g/mL

ADDITIONAL INFORMATION

Related Product Information for anti-TMIGD2 antibody

TMIGD2 (transmembrane and immunoglobulin domain containing 1), also known as immunoglobulin-containing and proline-rich receptor 1 (IGPR1), is novel adhesion molecule that is expressed in multiple tissues, primarily in cells of epithelium and endothelium origins (1). TMIGD2 is thought to be involved in angiogenesis and regulates cellular morphology, homophilic cell aggregation, and cell-cell interaction. TMIGD2 activity also modulates actin stress fiber formation and focal adhesion and reduces cell migration.

Product Categories/Family for anti-TMIGD2 antibody	Immunology; Stem Cell
References	Rahimi N, Rezazadeh K, Mahoney JE, et al. Identification of IGPR-1 as a novel adhesion molecule involved in angiogenesis. Mol. Biol. Cell 2012; 23:1646-56.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126259
NCBI GeneID	126259
UniProt Accession #	Q96BF3; Q6UW59
Molecular Weight	Predicted: 28 kDa Observed: 28 kDa
NCBI Official Full Name	transmembrane and immunoglobulin domain-containing protein 2 isoform 1
NCBI Official Synonym Full Names	transmembrane and immunoglobulin domain containing 2
NCBI Official Symbol	TMIGD2
NCBI Official Synonym Symbols	CD28H; IGPR1; IGPR-1
NCBI Protein Information	transmembrane and immunoglobulin domain-containing protein 2
UniProt Protein Name	Transmembrane and immunoglobulin domain-containing protein 2
UniProt Gene Name	TMIGD2
UniProt Synonym Gene Names	CD28H; IGPR1; IGPR-1

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/tmigd2-antibody-clone-8a1-flow-cytometry-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/40895>