BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-TMIGD2 Monoclonal Antibody [8A1]

Catalog Number: M11415

About TMIGD2

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.

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-TMIGD2 Monoclonal Antibody [8A1]
Reactive Species	Human
Description	Boster Bio Anti-TMIGD2 Monoclonal Antibody [8A1] (Catalog # M11415). Tested in ELISA, WB, ICC, IF, IHC-P, Flow Cytometry applications. This antibody reacts with Human.
Application	ELISA, Flow Cytometry, IF, IHC-P, ICC, WB
Clonality	Monoclonal Clone: 8A1
Formulation	TMIGD2 Antibody is supplied in PBS containing 0.02% sodium azide and 50% glycerol.
Storage Instructions	TMIGD2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Mouse
Uniprot ID	Q96BF3

Technical Details

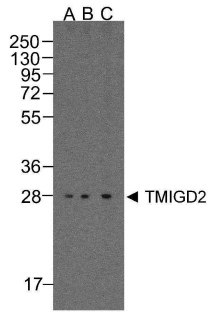
Immunogen	TMIGD2 antibody was raised against the extracellular domain of human TMIGD2
Predicted Reactive Species	Mouse, Rat
Isotype	IgG1,k
Form	Liquid

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

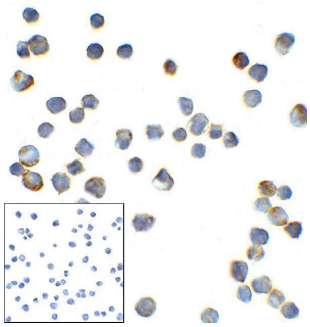
Concentration	1 mg/mL
Purification	TMIGD2 Antibody is supplied as protein A purified IgG1.
Suggested Dilutions	TMIGD2 antibody can be used for ELISA starting at 0.25 ug/mL. For Western blot start at 0.25 ug/mL. For Immunocytochemistry start at 2 ug/mL. For Immunofluorescence start at 20 ug/mL. For Immunohistochemistry start at 5 ug/mL. For Flow Cytometry start at 10 ug/ml. Optimal dilutions for each application should be determined by the researcher.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

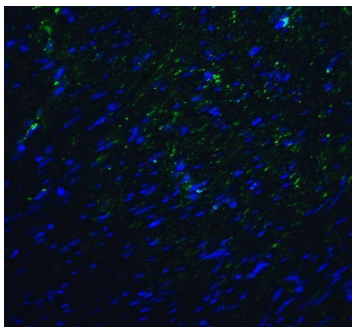
Anti-TMIGD2 Monoclonal Antibody [8A1] (M11415) Images



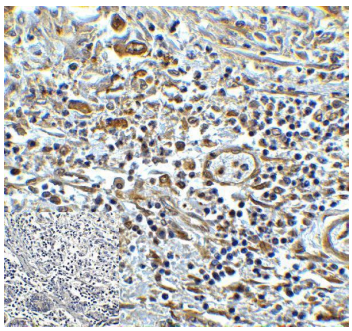
Western blot analysis of TMIGD2 in overexpressing HEK293 cells TMIGD2 antibody at 0.25, 0.5, and 1 ug/ml



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



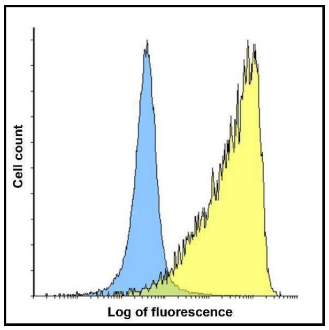
Immunofluorescence of TMIGD2 in human colon carcinoma tissue with TMIGD2 antibody at 20 ug/mL.



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

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

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com



Anti-TMIGD2 Monoclonal Antibody [8A1]

For Research Use Only. Not for use in diagnostic procedures.