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Datasheet for ABIN6991946  
**anti-TMIGD2 antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	TMIGD2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMIGD2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	TMIGD2 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human TMIGD2. The immunogen is located within the last 50 amino acids of TMIGD2.
Isotype:	IgG
Specificity:	TMIGD2 antibody is human and mouse reactive. At least three isoforms of TMIGD2 are known to exist, this antibody will detect all three. TMIGD2 antibody is predicted to not cross-react with TMIGD1.
Purification:	TMIGD2 antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	TMIGD2
Alternative Name:	TMIGD2 ( <a href="#">TMIGD2 Products</a> )

## Target Details

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Background:	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 (1).
Molecular Weight:	Predicted: 31 kDa Observed: 26 kDa
Gene ID:	126259
NCBI Accession:	<a href="#">NP_653216</a>
UniProt:	<a href="#">Q96BF3</a>

## Application Details

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Application Notes:	TMIGD2 antibody can be used for detection of TMIGD2 by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunohistochemistry starting at 5 µg/mL.  Antibody validated: Western Blot in mouse samples and Immunohistochemistry in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	TMIGD2 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	TMIGD2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.