

Mouse anti-Mouse, Rat CD266 Monoclonal Antibody | anti-CD266 antibody

MOUSE ANTI HUMAN CD266

CATALOG # AAA50218	HOST Mouse	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry
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PRODUCT SYNONYMS

CD266; Monoclonal Antibody; MOUSE ANTI HUMAN CD266; anti-CD266 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	ITEM-4
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	129
Applicable Applications for anti-CD266 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Immunogen	Human CD266 transfected P815 cells Fusion Partners
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Human CD266 transfected cells stained with Mouse anti Human CD266:RPE



Application Data

Human CD266 transfected cells stained with Mouse anti Human CD266: Alexa FluorR647 (AAA50218)

**Application Data**

Human CD266 transfected cells stained with Mouse anti Human CD266: Alexa Fluor488 (AAA50218)

**Application Data**

Human CD266 transfected cells stained with Mouse anti Human CD266:FITC

**Application Data**

Human CD266 transfected cells stained with Mouse anti Human CD266 (AAA50218) followed by Rabbit F(ab')₂ anti Mouse IgG:RPE

ADDITIONAL INFORMATION

Related Product Information for anti-CD266 antibody

Mouse anti Human CD266 antibody, clone ITEM-4 recognizes human CD266, otherwise known as Fn14/TWEAK Receptor, a 14kDa type I transmembrane glycoprotein and member of the tumour necrosis factor receptor superfamily (TNFRSF12A) expressed by a variety of tissues, including the heart, lung and kidney, and at elevated levels by human brain and liver tumours. The interaction between CD266 and its ligand CD255 (TWEAK), induces the proliferation and migration of endothelial cells and also angiogenesis, and studies have shown that CD255-induced apoptosis of some tumour cell lines is mediated by CD266 (Nakayama et al. 2003). Mouse anti Human CD266 antibody, clone ITEM-4 is cross-reactive with mouse CD266, and also with Rat-1 cells in flow cytometry.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706186
NCBI GeneID	51330
NCBI Accession #	NP_057723.1
NCBI GenBank Nucleotide #	NM_016639.2
UniProt Accession #	Q9NP84; Q9HCS0; D3DUA6
Molecular Weight	10,191 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 12A
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 12A
NCBI Official Symbol	TNFRSF12A
NCBI Official Synonym Symbols	FN14; CD266; TWEAKR
NCBI Protein Information	tumor necrosis factor receptor superfamily member 12A; FGF-inducible 14; fibroblast growth factor-inducible immediate-early response protein 14; tweak-receptor; type I transmembrane protein Fn14
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 12A
UniProt Gene Name	TNFRSF12A
UniProt Synonym Gene Names	FN14; FGF-inducible 14; TweakR
UniProt Entry Name	TNR12_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd266-antibody-clone-item-4-western-blot-flow-cytometry-immunohistochemistry-elisa/50218>