CD147 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD147, Monoclonal Antibody
Full Product Name	CD147 (EMMPRIN, Neurothelin, 5A11 Antigen, 5F7, Basigin, Blood brain barrier HT7 antigen BSG, Extracellular Matrix Metalloproteinase Inducer (EMMPRIN), Leukocyte Activation Antigen M6, Neurothelin, OK Blood Group Antigen, TCSF, Tumor Cell-derived Collagen
Product Gene Name	anti-CD147 antibody
Product Synonym Names	EMMPRIN; Neurothelin; 5A11 Antigen; 5F7; Basigin; Blood brain barrier HT7 antigen BSG; Extracellular Matrix Metalloproteinase Inducer (EMMPRIN); Leukocyte Activation Antigen M6; Neurothelin; OK Blood Group Antigen; TCSF; Tumor Cell-derived Collagenase Stimulatory Factor
Clonality	Monoclonal
Isotype	IgG1
Clone Number	8D6
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A/G Affinity Chromatography.
Specificity	Recognizes human CD147.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	Human T cell line Molt 13. Cellular Localization: Cell surface
Conjugate	MaxLight490
Positive Control	HSB2 cells. Colon or breast carcinoma
Product Categories/Family for anti-CD147 antibody	Antibodies; CD Markers
Applications Tested/Suitable for anti-CD147 antibody	Flow Cytometry (FC/FACS), Immunofluorescence (IF), Immunohistochemistry (IHC) Frozen/Paraffin
Application Notes for anti-CD147 antibody	FC/FACS: 0.5-1ug/million cells IHC-F/P: 1-2ug/ml for 30 minutes at RT IF: 1:100-1:200 Applications are based on unconjugated antibody.
Related Product Information for anti-CD147 antibody	MBS6204375 is an antibody targeting CD147. Also known as CD147 (EMMPRIN, Neurothelin, 5A11 Antigen, 5F7, Basigin, Blood brain barrier HT7 antigen BSG, Extracellular Matrix Metalloproteinase Inducer (EMMPRIN), Leukocyte Activation Antigen M6, Neurothelin, OK Blood Group Antigen, TCSF, Tumor Cell-derived Collagen. Reactive in Human. Host: Mouse.
Product References and Citations for anti-CD147 antibody	1. Kirsch AH et. al. Tissue Antigens. 1997 Aug;50(2):147-52.

Other Notes	Small volumes of anti-CD147 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD147. It may not necessarily be applicable to this product.

NCBI GeneID	682
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