CD147/EMMPRIN Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CD147/EMMPRIN, Polyclonal Antibody
Full Product Name	Rabbit anti CD147/EMMPRIN Polyclonal Antibody
Product Gene Name	anti-CD147/EMMPRIN antibody
Product Synonym Names	CD147; EMMPRIN
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purity/Purification	Purified by Epitope Affinity Purification
Specificity	This antibody reacts with human. The other species are not tested.
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20 degree C. The antibodies can be stored at 2 degree C - 8 degree C for one month without detectable loss of activity. Avoid repeated freezing-thawing cycles.
Preparation	Recombinant protein of full length of human CD147.
Applications Tested/Suitable for anti-CD147/EMMPRIN antibody	Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-CD147/EMMPRIN antibody	Immunohistochemistry: 2-10 ug/ml Western Blot: 0.1-1 ug/ml
Related Product Information for anti-CD147/EMMPRIN antibody	CD147 or EMMPRIN (extracellular matrix metalloproteinase inducer) is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. This protein is also a member of the immunoglobulin super-family, it is a 58kDa protein with two immunoglobulin domains that was originally purified from the plasma membrane of the human LX-1 lung carcinoma cell line. CD147 has been localized on the outer surface of tumor cells, where it interacts withfibroblasts to stimulate the expression of matrix metalloproteinases (MMPs). CD147 inhibition has been proposed as a novel strategy in the prevention of cancer invasion and metastasis.
Product References and Citations for anti-CD147/EMMPRIN antibody	Sidhu, S.S., Nawroth, R., Retz, M., Lemjabbar-Alaoui, H., Dasari, V. and Basbaum, C. EMMPRIN regulates the canonical Wnt/beta-catenin signaling pathway, a potential role in accelerating lung tumorigenesis Oncogene 29 (29), 4145-4156 (2010)
Other Notes	Small volumes of anti-CD147/EMMPRIN 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.
Searchable Terms for CD147/EMMPRIN purchase	MBS460019 is an antibody targeting CD147/EMMPRIN. Also known as Rabbit anti CD147/EMMPRIN Polyclonal Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GeneID	682

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