

Product Datasheet

EMMPRIN/CD147 Antibody (8D6)

NBP2-33015-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-33015-0.1mg

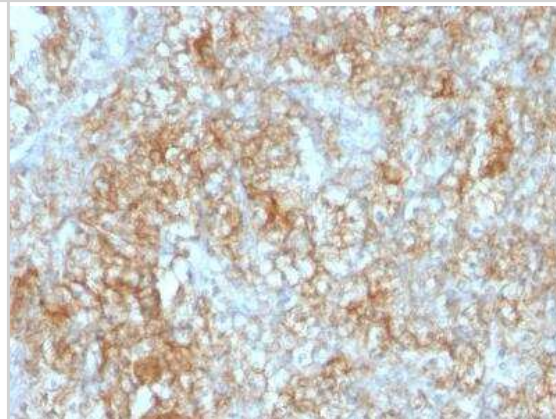
EMMPRIN/CD147 Antibody (8D6)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	8D6
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Product Description	
Description	<p>200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34543)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.</p>
Host	Mouse
Gene ID	682
Gene Symbol	BSG
Species	Human
Specificity/Sensitivity	This monoclonal antibody recognizes extracellular epitope 2 within the N-terminal Ig domain of human CD147. It is expressed more intensely on thymocytes than on mature peripheral blood T cells. CD147 is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. It stimulates the production of interstitial collagenase, gelatinase A, stromelysin-1 and various metalloproteinases (MMPs) by fibroblasts. These enzymes are important factors in cancer invasion and metastasis.
Immunogen	Human T cell line Molt 13
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 0.5-1 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 0.5-1 ug/ml, Immunohistochemistry-Frozen 0.5-1.0ug/ml
Application Notes	<p>Immunohistochemistry (Formalin-fixed): 0.5-1ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.</p> <p>Inhibits Homotypic Aggregation, Adhesion to Matrix Proteins, and Migration through Matrigel: Order Ab without BSA/Azide.</p> <p>Optimal dilution for a specific application should be determined.</p>



Images

Immunohistochemistry-Paraffin: EMMPRIN/CD147 Antibody (8D6) [NBP2-33015] - Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with CD147 Monoclonal Antibody (8D6).



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Products Related to NBP2-33015-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-34025PEP	EMMPRIN/CD147 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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