

Anti-CD147/Emmprin/Basigin (Extracellular region) Antibody
Catalog # AN1705**Specification****Anti-CD147/Emmprin/Basigin (Extracellular region) Antibody - Product Information**

Primary Accession	P35613
Host	Mouse
Clonality	Mouse Monoclonal
Isotype	IgG1
Calculated MW	42200

Anti-CD147/Emmprin/Basigin (Extracellular region) Antibody - Additional InformationGene ID **682****Other Names**

Basigin, 5F7, Collagenase stimulatory factor Extracellular matrix metalloproteinase, EMMPRIN, Leukocyte activation antigen M6, OK blood group antigen, Tumor cell-derived collagenase stimulatory factor, TCSF, CD147, BSG

Target/Specificity

CD147 (Basigin/EMMPRIN) is a type I integral membrane receptor protein belonging to the immunoglobulin superfamily. CD147 is a glycosylated protein with four known isoforms with isoform 2 being the most abundantly expressed. In many cancers, CD147 is overexpressed and stimulates the secretion of extracellular matrix metalloproteinases by tumor fibroblasts, which can promote tumor progression. CD147 is co-expressed with the amino acid transporter, CD98h, in metabolically active cells such as lymphocytes, macrophages, and tumor cells. CD147 interaction with caveolin and cyclophilins regulates its functions, and this protein may function outside of tumor cells through cell shedding and microvesicle release.

Format

Protein G Purified

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Anti-CD147/Emmprin/Basigin (Extracellular region) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

Blue Ice

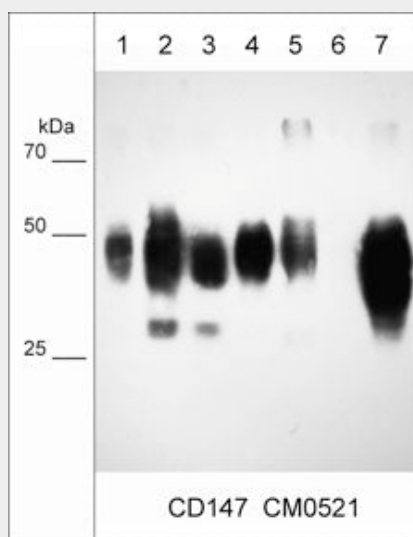
Anti-CD147/Emmprin/Basigin (Extracellular region) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CD147/Emmprin/Basigin (Extracellular region) Antibody - Images



Western blot of lysates from SK-MES-1 squamous carcinoma (lane 1), MDA-MB-231 breast carcinoma (lane 2), MeWo melanoma (lane 3), A431 skin adenocarcinoma (lane 4), LNCaP prostate cancer cells (lane 5), MCF7 breast cancer cells (lane 6) and NCI-H1915 lung cancer cells. The blot was probed with mouse monoclonal anti-CD147 (CM0521) at 1:1000.

Anti-CD147/Emmprin/Basigin (Extracellular region) Antibody - Background

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