



20150217ML

Anti-human CD147 (#6Q28)

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#6Q28)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	Human recombinant CD147 EC domain
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	101-M706
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of CD147 EC domain..

Target Background

Synonyms (Target):	CD147, EMMPRIN, TCSF, Leukocyte activation antigen M6, Collagensáse stimulatory factor
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The TRA-1-85 antigen, also known as OKa blood group antigen, is a specific epitope within the protein known as basigin, EMMPRIN, or CD147. It is a cell surface determinant expressed on almost all human cell types. Antibodies to TRA-1-85 have been used in somatic cell hybrid or transplantation studies to identify tissues containing cells of human origin.

Database References Target

Protein RefSeq:	NP_001719.2
Uniprot ID:	P35613
mRNA RefSeq:	NM_001728.3

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human CD147.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: Use at 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!