



20150116ML

Anti-Mouse CD147 (#13F31)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	103-M380
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 rat) immunized with mouse recombinant protein of CD147/ extracellular matrix metalloproteinase inducer (rmEMMPRIN).

Target Background

Synonyms (Target):	Bsg; HT-7; CD147; EMMPRIN; AII15436; AI325119
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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_033898.1
Uniprot ID:	P18572
mRNA RefSeq:	NM_009768

Product Specifications

Host	Rat
Reactivity against	Mouse
Clonality	Monoclonal Antibody
Clone	(#13F31)
Isotype	IgG2
Purification	Protein G/A chromatography
Antigen	Mouse recombinant CD147
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

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 detects specifically mouse CD145 with WB.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: 1:500-2000

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