



20150116ML

Anti-Human CD151 (#6F40)

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

Cat.-no.:	101-M289
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 CD151.

Target Background

Synonyms (Target):	CD151; GP27; MER2; RAPH; SFA1; PETA-3; TSPAN24
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CD151 is a tetraspanin superfamily glycoprotein expressed by endothelia, epithelia, megakaryocytes and platelets. It associates with other tetraspanin proteins and with some integrins including alpha 3/beta 1, alpha 6/beta 1, alpha 6/beta 4 and alpha 7/beta 1. CD151 modulates cellular adhesion, cell migration, and platelet activation.

Database References Target

Protein RefSeq:	NP_004348.2
Uniprot ID:	P48509
mRNA RefSeq:	NM_004357

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#6F40)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	human recombinant CD151
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 was selected for its ability to detect human CD151.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

FC

Recommended usage:

FC: 1:20-100

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