

CD133 Conjugated Antibody

Catalog No: #C48362



Package Size: #C48362-AF350 100ul #C48362-AF405 100ul #C48362-AF488 100ul

#C48362-AF555 100ul #C48362-AF594 100ul #C48362-AF647 100ul

#C48362-AF680 100ul #C48362-AF750 100ul #C48362-Biotin 100ul

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Description

Product Name	CD133 Conjugated Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu, Ms
Immunogen Description	Peptide
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AC133 antibody Antigen AC133 antibody CD133 antibody CORD12 antibody Hematopoietic stem cell antigen antibody hProminin antibody MCDR2 antibody MSTP061 antibody OTTHUMP00000217744 antibody OTTHUMP00000217745 antibody OTTHUMP00000217746 antibody PROM1 antibody PROM1_HUMAN antibody Prominin I antibody Prominin like 1 antibody Prominin like protein 1 precursor antibody Prominin mouse like 1 antibody Prominin-1 antibody Prominin-like protein 1 antibody Prominin1 antibody PROML1 antibody RP41 antibody STGD4 antibody
Accession No.	Swiss-Prot#:O43490
Uniprot	O43490
GeneID	8842;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	Predicted band size 97 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

CD133 antigen also known as prominin-1 is a glycoprotein that in humans is encoded by the PROM1 gene. It is a member of pentaspan transmembrane glycoproteins (5-transmembrane, 5-TM), which specifically localize to cellular protrusions. While the precise function of CD133 remains unknown, it has been proposed to act as an organizer of cell membrane topology.

Note: This product is for in vitro research use only