

Mouse Anti-Human CD133 mAbConjugated Antibody

Catalog No: #CCS001



Package Size: #CCS001-AF350 100ul #CCS001-AF405 100ul #CCS001-AF488 100ul
 #CCS001-AF555 100ul #CCS001-AF594 100ul #CCS001-AF647 100ul
 #CCS001-AF680 100ul #CCS001-AF750 100ul #CCS001-Biotin 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Mouse Anti-Human CD133 mAbConjugated Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu
Specificity	This antibody recognizes human CD133-2 in FACS. It can not cross react with CD133-1.
Immunogen Description	L929/CD133-2 transfected cells
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AC133
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
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

Product Description

CD133, known as AC133, is a member of a novel family of cell surface proteins that has five transmembrane domain molecules with an extracellular

N-terminus and a cytoplasmic C-terminus, and has two large extracellular loops with eight consensus sites for N-linked glycosylation. It has two isoforms. AC133-1 mRNA was prominent in fetal brain and adult skeletal muscle but was not detected in fetal liver and kidney, adult pancreas, kidney, and placenta. AC133-2 mRNA was found to be dominant in a variety of human fetal tissues, adult tissues, and several carcinomas. CD133 has not only been used to isolate hematopoietic stem cells but also represent a marker of tumor initiating cells in a number of human cancers, such as in human pancreatic adenocarcinoma, colon cancer, melanoma, hepatocellular carcinoma, and brain tumors.

Note: This product is for in vitro research use only