

Product datasheet

Mouse Anti-CD133-FITC (112-F)



Overview

Product name	Anti-Human CD133
Host species	Mouse
Target species	Human
Tested applications	Suitable for: Flow cytometry, ICC, IHC-Fr, IHC-P
Immunogen	A KLH-conjugated synthetic peptide derived from human CD133 protein was used for immunization.
Conjugation	FITC

Properties

Form	Liquid
Storage instructions	Shipped at 4 °C. Store at 4 °C. Avoid freezing. Store at dark.
Storage buffer	Phosphate buffered saline pH 7.4, contains stabilizer and ≤0.09% sodium azide.
Purity	immunogen affinity purified
Purification notes	This product was prepared by immunoaffinity chromatography using immunogen peptide coupled to Sepharose 4B.
Conjugation notes	FITC-conjugated
Clonality	Monoclonal
Isotype	IgG
General notes	Centrifuge product if not completely clear after standing at room temperature. This product is stable before the expiry date at 4 °C as an undiluted liquid. Dilute only prior to immediate use. Our customer's feedback says the antibody worked great. If in case the antibody fails to give results then please contact our scientific support team for assistance.

Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end-user.

Product Usage Information:

Application Dilutions

Immunohistochemistry (Paraffin)	5-10 ug/ml
Immunohistochemistry (Frozen)	5-10 ug/ml
Immunofluorescence	5-10 ug/ml
Flow Cytometry	5-10 ug/ml

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, which specifically localize to cellular protrusions.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Terms and conditions

Guarantee only valid for products bought direct from PADZA or one of our authorized distributors

References:

Note: This product has originally been developed at Avicenna Research Institute, Tehran, IRAN and assigned to PADZA Company according to contract 98/15/191, dated 98/01/10.