Product Name: CD133 (5M9) Rabbit Monoclonal Antibody
Catalog #: AMRe08203

Summary

Production Name	CD133 (5M9) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
Purification	Affinity purification

Immunogen

Gene Name	PROM1
Alternative Names	AC133; CD133; CORD12; hProminin; MCDR2; PROM1; Prominin like 1; Prominin1; PROML1; RP41; STGD4
Gene ID	8842.0
SwissProt ID	O43490. Recombinant protein of human CD133

Application

Dilution Ratio	WB 1:1000, IHC-P/IF-P 1:200-1:1000
Molecular Weight	97kDa

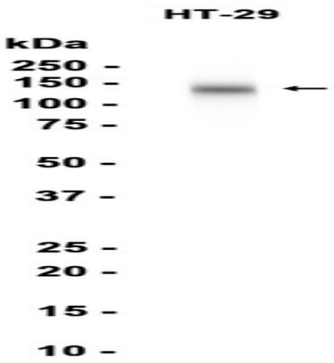
Product Name: CD133 (5M9) Rabbit Monoclonal Antibody
Catalog #: AMRe08203

Background

May play a role in cell differentiation, proliferation and apoptosis (PubMed:24556617). Binds cholesterol in cholesterol-containing plasma membrane microdomains and may play a role in the organization of the apical plasma membrane in epithelial cells. During early retinal development acts as a key regulator of disk morphogenesis. Involved in regulation of MAPK and Akt signaling pathways. In neuroblastoma cells suppresses cell differentiation such as neurite outgrowth in a RET-dependent manner. May play a role in cell differentiation, proliferation and apoptosis (PubMed:24556617). Binds cholesterol in cholesterol-containing plasma membrane microdomains and may play a role in the organization of the apical plasma membrane in epithelial cells. During early retinal development acts as a key regulator of disk morphogenesis. Involved in regulation of MAPK and Akt signaling pathways. In neuroblastoma cells suppresses cell differentiation such as neurite outgrowth in a RET-dependent manner (PubMed:20818439).

Research Area

Image Data



Western blot analysis of extracts from HT-29 cells using RM6683 at 1:1000.

Note

For research use only.