



[Go to Product page](#)

Datasheet for ABIN7364801
anti-CD133 antibody (AA 508-792) (HRP)

Overview

Quantity:	50 µg
Target:	CD133 (PROM1)
Binding Specificity:	AA 508-792
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD133 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Prominin-1 protein (508-792AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CD133 (PROM1)
Alternative Name:	PROM1 (PROM1 Products)
Background:	Background: May play a role in cell differentiation, proliferation and apoptosis (PubMed:24556617). Binds cholesterol in cholesterol-containing plasma membrane

Target Details

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).
Aliases: 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

UniProt: [O43490](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.