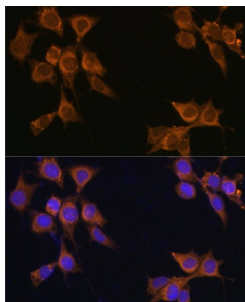
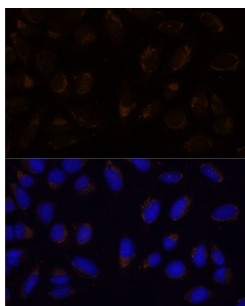


## Prominin-1 (PROM1) Antibody

Catalogue No.: abx000605



Immunofluorescence analysis of NIH/3T3 cells using CD133 Antibody (1/100 dilution). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using CD133 Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

PROM1 Antibody is a Rabbit Polyclonal antibody against PROM1. This gene encodes a pentaspan transmembrane glycoprotein. The protein localizes to membrane protrusions and is often expressed on adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Mutations in this gene have been shown to result in retinitis pigmentosa and Stargardt disease. Expression of this gene is also associated with several types of cancer. This gene is expressed from at least five alternative promoters that are expressed in a tissue-dependent manner. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009].

**Target:** Prominin-1 (PROM1)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse, Rat

**Tested Applications:** IF/ICC

**Host:** Rabbit

**Recommended dilutions:** IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** A synthetic peptide corresponding to human CD133

**Isotype:** IgG

# Datasheet

Version: 4.0.0  
Revision date: 11 Oct 2025



Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O43490 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
Gene Symbol:	PROM1
GeneID:	<a href="#">8842</a>
OMIM:	<a href="#">604365</a>
NCBI Accession:	NP_006008.1
HGNC:	9454
KEGG:	hsa:8842
Ensembl:	ENSG000000007062
String:	<a href="#">9606.ENSP00000426809</a>
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.