

## Anti-CD133/PROM1 Antibody (4S151)

## Product Details

Ig Type:	Human IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4S151
Purification:	Affinity-chromatography

## Applications

Verified Activity:	The Binding Activity of PROM1 with Anti-PROM1 recombinant antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized PROM1 at 5 µg/mL can bind Anti-PROM1 recombinant antibody, the EC50 is 0.4322-0.7189 ng/mL.
Application:	ELISA

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human PROM1 Protein
Antigen Species:	Human
Gene ID:	8842
Uniprot ID:	O43490
Biology Area:	Immunology

## Research Background

May play a role in cell differentiation, proliferation and apoptosis. 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481