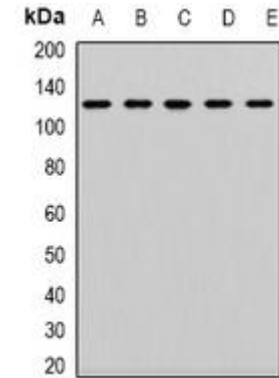


## Anti-CD133 Antibody

<b>CATALOG NO:</b>	A1622-100
<b>ALTERNATIVE NAMES:</b>	PROML1; Prominin-1; Antigen AC133; Prominin-like protein 1; CD133
<b>AMOUNT:</b>	100 µl
<b>IMMUNOGEN:</b>	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CD133
<b>HOST/ISOTYPE:</b>	Rabbit IgG
<b>CLONALITY:</b>	Polyclonal
<b>SPECIFICITY:</b>	Recognizes endogenous levels of CD133 protein
<b>SPECIES REACTIVITY:</b>	Human, Mouse
<b>PURIFICATION:</b>	The antibody was purified by affinity chromatography
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
<b>STORAGE CONDITIONS:</b>	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>DESCRIPTION:</b>	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.
<b>APPLICATION:</b>	WB; 1:500 – 1:1000

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



**Western blot analysis of CD133 expression in K562 (A); SW620 (B); Jurkat (C); mouse kidney (D); mouse lung (E) whole cell lysates.**

### RELATED PRODUCTS:

- GFAP Antibody (Cat. No. 3206)
- Vimentin Antibody (Cat. No. 3634)
- Fibronectin Antibody (Cat. No. 3630)
- FGF-2 Antibody (Cat. No. 5039)
- Anti-CD133 Antibody (Cat. No. A1622)

**FOR RESEARCH USE ONLY! Not to be used on humans.**