

Catalog #: 52092

Aliases

PROML1; Prominin-1; Antigen AC133; Prominin-like protein 1; CD133

Background

Gene Name: PROM1

NCBI Gene Entry: [8842](#)

UniProt Entry: [O43490](#)

Application Information

Molecular Weight: Predicted, 97 kDa; observed, 120 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

Immunogen

A synthesized peptide derived from human CD133

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:100-1:200

Note: This product is for research use only.

Validation Data

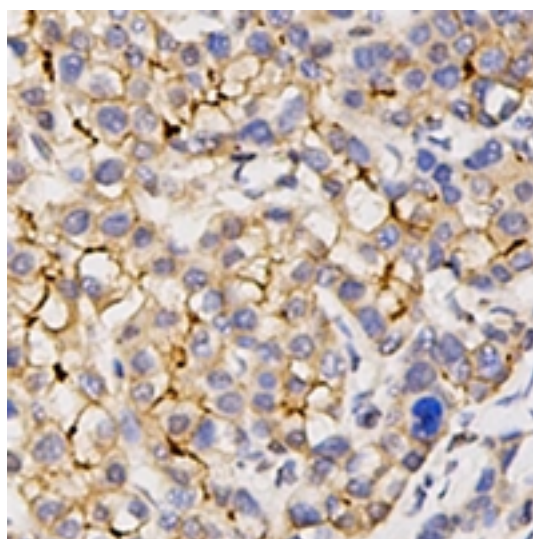
SUPPORT

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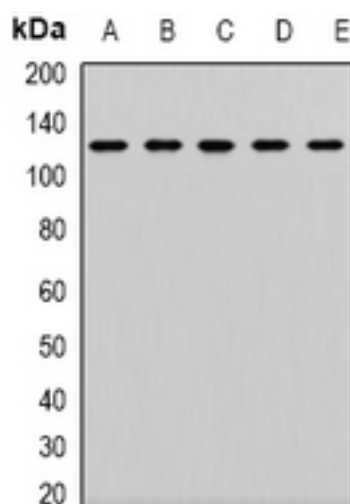
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Immunohistochemical analysis of CD133 staining in human pancreas formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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