

Prominin-1 Monoclonal Antibody

Catalog No: #27208



Package Size: #27208-1 50ul #27208-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

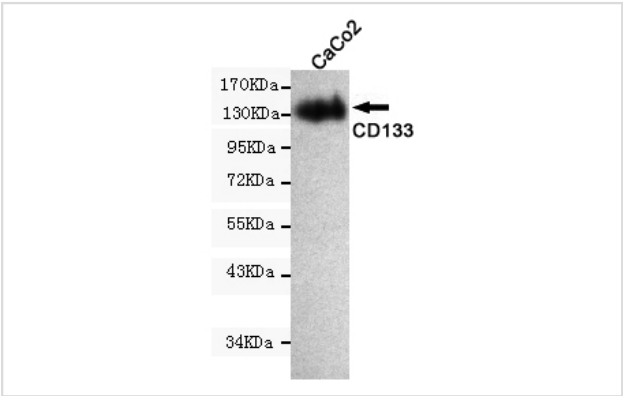
Description

| | |
|-----------------------|---|
| Product Name | Prominin-1 Monoclonal Antibody |
| Host Species | Mouse |
| Clonality | Monoclonal |
| Clone No. | 6H10-F1-C11 |
| Isotype | IgG2a |
| Purification | Affinity purified |
| Applications | WB |
| Species Reactivity | Hu |
| Specificity | This antibody detects endogenous levels of PROM1 and does not cross-react with related proteins. |
| Immunogen Type | Recombinant Protein |
| Immunogen Description | Purified recombinant human PROM1 protein fragments expressed in E.coli. |
| Target Name | Prominin-1 |
| Accession No. | Uniprot: O43490 Gene ID: 8842 |
| Uniprot | O43490 |
| GeneID | 8842; |
| SDS-PAGE MW | 133kd |
| Formulation | Purified mouse monoclonal in PBS(pH 7.4) containing with 0.02% sodium azide,0.1mg/mlBSA and 50% glycerol. |
| Storage | store at -20ℳ C |

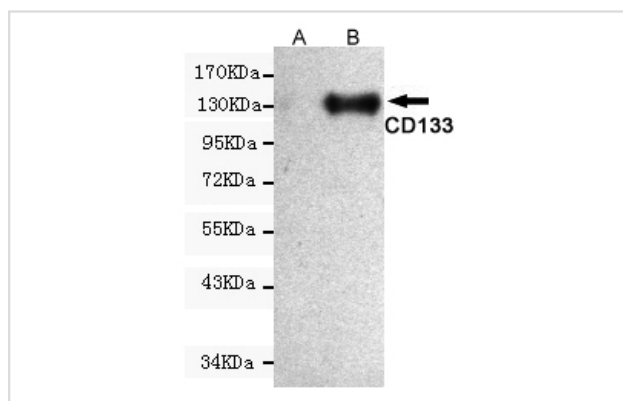
Application Details

Western blotting: 1:1000

Images



Western blot detection of PROM1 antibody in CaCo2 cell lysate using PROM1 antibody (1:1000 diluted).Predicted band size:97KDa.Observed band size:133KDa



Western blot detection of PROM1 expression in CHO-k1 cells non-transfected (A) or transfected (B) with PROM1 and using PROM1 antibody (1:1000 diluted). Predicted band size: 97KDa. Observed band size: 133KDa.

Background

Binds cholesterol in cholesterol-containing plasma membrane microdomains. Proposed to play a role in apical plasma membrane organization of 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.

Note: This product is for in vitro research use only