Gamma-parvin Antibody

Mouse Monoclonal Antibody [Clone 8C5.2]

Catalog No	Format	Size
64098-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
64098-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
64098-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

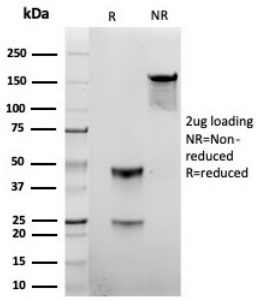
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

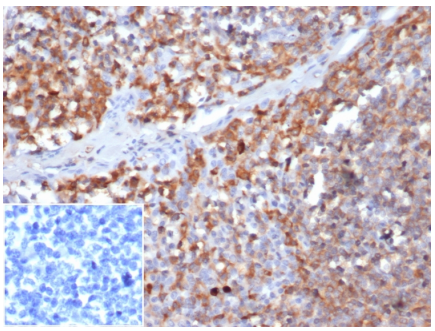
Clone	8C5.2
Gene Name	PARVG
Immunogen	GST-tagged recombinant protein corresponding to human Gamma-parvin
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	37kDa
Cellular Localization	Cell junction, Cell membrane, Cytoplasm, Cytoskeleton, Focal adhesion
Species Reactivity	Human
Positive Control	Jurkat cells. Human tonsil or stomach.

**Optimal dilution for a specific application should be determined.*

Product Images for Gamma-parvin Antibody



SDS-PAGE Analysis of Purified Gamma parvin Mouse Monoclonal Antibody (8C5.2). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human tonsil stained with Gamma parvin Mouse Monoclonal Antibody (8C5.2) at 2ug/ml in PBS. Inset: PBS instead of primary, secondary only antibody control.

Specificity & Comments

The parvin family, including ?-parvin, ?-parvin and ?-parvin, link integrins and associated proteins with intracellular pathways, which regulate actin cytoskeletal dynamics and cell survival. All three family members localize to focal adhesions and function in cell adhesion, spreading, motility and survival through interactions with partners, such as integrin-linked kinase (ILK), paxillin, ?-actinin and testicular kinase 1. ?-parvin is widely expressed, with highest levels detected in the skeletal muscle, heart, liver and kidney. A complex made up of ?-parvin, ILK and the LIM protein PINCH-1 is critical for cell survival in a variety of cells, including certain cancer cells, kidney podocytes and cardiac myocytes. ?-parvin links initial integrin signals to rapid actin reorganization, thereby playing a critical role in fibroblast migration. The ILK-?-parvin complex is essential for the establishment of cell polarity required for leukocyte migration.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty