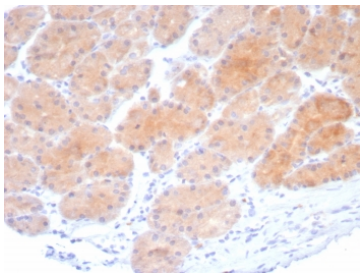
Beta-Parvin Antibody / PARVB [clone PARVB/8214R] (V4865)

Catalog No.	Formulation	Size
V4865-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4865-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4865SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

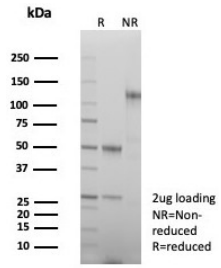
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	PARVB/8214R
Purity	Protein A/G affinity
UniProt	Q9HBI1
Localization	Cell Surface, Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This Beta-Parvin antibody is available for research use only.



IHC staining of FFPE human stomach tissue with Beta-Parvin antibody (clone PARVB/8214R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free Parvin antibody (clone PARVB/8214R) as confirmation of integrity and purity.

Description

Beta-parvin, also known as affixin, is a focal adhesion protein belonging to a family of ILKbinding proteins that contain tandem calponin homolog domains. Along with Alpha-parvin, Beta-parvin is one of the most widely researched and characterized members of this family. These two proteins interact with the ILK kinase domain in a way that is mutually exclusive and regulates both the activity of the kinase and actin cytoskeleton adhesion. Studies have shown Beta-parvin to be downregulated within human breast cancer cells, and that its expression may influence the progression of breast cancer (Johnstone, 2008). Additional research indicates a critical role for Beta-parvin in the regulation of cardiac contractility when it is in complex with ILK (Hannigan, 2007).

Application Notes

Optimal dilution of the Beta-Parvin antibody should be determined by the researcher.

Immunogen

The N-terminal region (residues 1-91) of the human protein was used as the immunogen for the Beta-Parvin antibody.

Storage

Aliquot the Beta-Parvin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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