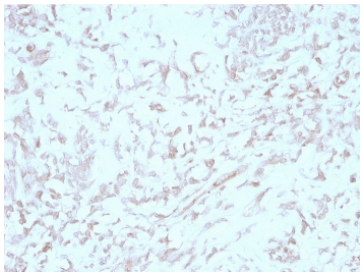
Kindlin-1 Antibody / KIND1 [clone 4A5.14] (V8556)

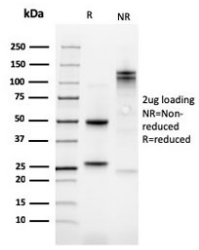
Catalog No.	Formulation	Size
V8556-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8556-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8556SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a
Clone Name	4A5.14
Purity	Protein G affinity chromatography
UniProt	Q9BQL6
Localization	Cytoplasm
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This Kindlin-1 antibody is available for research use only.



IHC staining of FFPE human liver with Kindlin-1 antibody (clone 4A5.14). 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 Kindlin-1 antibody (clone 4A5.14) as confirmation of integrity and purity.

Description

Kindlin-1 (also known as KIND1, KINDLERIN, UNC112-RELATED PROTEIN 1 (URP1) is an important component of cell-extracellular matrix adhesion. Kindlin-1 is involved in cell adhesion, possibly via its interaction with integrins and may mediate TGF-beta 1 signaling during tumor progression. Kindlin-1 has been shown to be significantly upregulated in lung and colon carcinomas. Mutations in the kindlin-1 gene, FERMT1, causes Kindler syndrome. Kindler syndrome is an autosomal recessive disorder characterized by neonatal blistering, sun sensitivity, atrophy, abnormal pigmentation and fragility of the skin. We have developed monoclonal anti-kidlin-1 antibodies. This monoclonal antibody recognizes kindlin-1 in multiple assays including Western blotting, immunoprecipitation, immunohistochemical and immunofluorescent staining.

Application Notes

Optimal dilution of the Kindlin-1 antibody should be determined by the researcher.

Immunogen

Amino acids 216-677 from the human protein were used as the immunogen for the Kindlin-1 antibody.

Storage

Store the Kindlin-1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
Copyright © NSJ Bioreagents. All rights reserved.