Mouse anti-Human Kindlin-1/KIND1 Monoclonal Antibody | anti-FERMT1 antibody

Kindlin-1/KIND1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215463	**Mouse**	**Human**	**Western Blot, Immunohistochemistry, Immunoprecipitation**

PRODUCT SYNONYMS

Kindlin-1/KIND1; Monoclonal Antibody; Fermitin family homolog 1 (Fermt1); Kindlin-1 (KIND1); Kindlerin; Unc-112; UNC112A; URP1; DTGCU2; anti-FERMT1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a, lambda
Clone Number	4A5.14
Specificity	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.
Purity/Purification	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% azide.
Form/Format	Purified Ab with BSA and Azide at 200ug/ml
Sequence Length	677
Applicable Applications for anti-FERMT1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Recombinant protein containing Kindlin-1 (residues 216-677)
Cellular Localization	Cytoplasm
Human Chromosome Location	20p12.3
Positive Control	293T whole cell lysate. Human Tonsil or Liver.
Preparation and Storage	Antibody with azide: store at 2 to 8°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human liver stained with KIND1 Mouse Monoclonal Antibody (4A5.14).

ADDITIONAL INFORMATION

References	Histopathology (2007) 51(4):499-508.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116686114
NCBI GeneID	55612
NCBI Accession #	NP_060141.3
NCBI GenBank Nucleotide #	NP_060141.3
UniProt Accession #	Q9BQL6
Molecular Weight	77kDa
NCBI Official Full Name	fermitin family homolog 1
NCBI Official Synonym Full Names	fermitin family member 1
NCBI Official Symbol	FERMT1
NCBI Official Synonym Symbols	URP1; KIND1; DTGCU2; UNC112A; C20orf42
NCBI Protein Information	fermitin family homolog 1
UniProt Protein Name	Fermitin family homolog 1
UniProt Gene Name	**FERMT1**
UniProt Synonym Gene Names	C20orf42; KIND1; URP1
UniProt Entry Name	FERM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/kindlin-1-kind1-antibody-clone-4a5-14-western-blot-immunohistochemistry-immunoprecipitation-elisa/215463