

Rabbit Integrin Linked, ILK Monoclonal Antibody | anti-ILK antibody

Integrin Linked, ILK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312273	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunoprecipitation, Immunohistochemistry, Immunocytochemistry, Western Blot

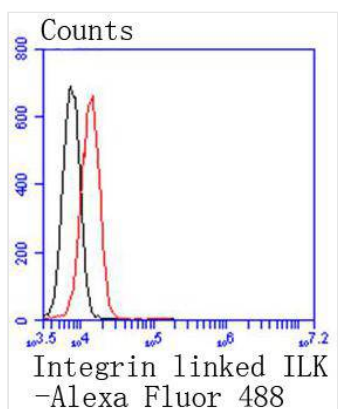
PRODUCT SYNONYMS

Integrin Linked; ILK; Monoclonal Antibody; ILK Antibody; 59 kDa serine/threonine protein kinase antibody; 59 kDa serine/threonine-protein kinase antibody; DKFZp686F1765 antibody; Epididymis secretory protein Li 28 antibody; HEL S 28 antibody; ILK 1 antibody; ILK 2 antibody; ILK antibody; ILK-1 antibody; ILK-2 antibody; ILK_HUMAN antibody; ILK1 antibody; ILK2 antibody; Integrin linked kinase 2 antibody; Integrin linked Kinase antibody; Integrin linked protein kinase antibody; Integrin-linked protein kinase antibody; p59 antibody; p59ILK antibody; anti-ILK antibody

PRODUCT SPECIFICATIONS

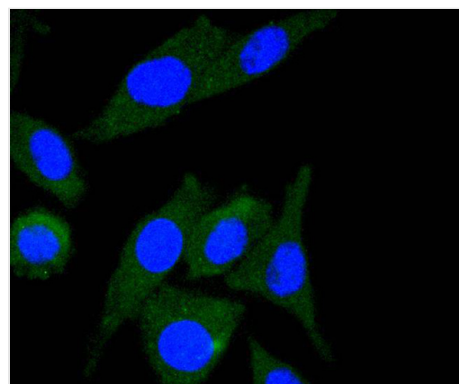
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SC68-04
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ILK antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



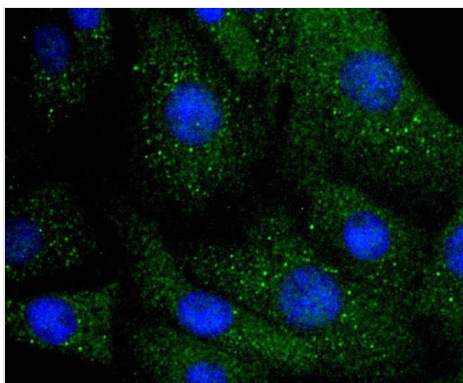
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Jurkat cells with Integrin linked ILK antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



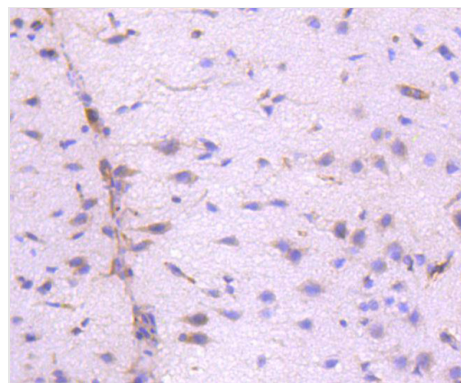
ICC (Immunocytochemistry)

ICC staining Integrin linked ILK in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



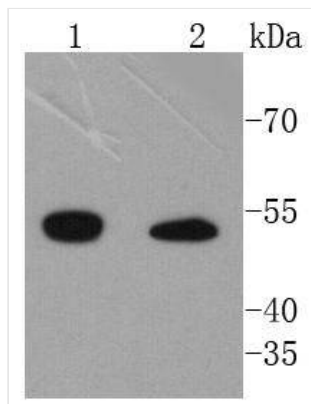
ICC (Immunocytochemistry)

ICC staining Integrin linked ILK in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-Integrin linked ILK antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Integrin linked ILK on different lysates using anti-Integrin linked ILK antibody at 1/1,000 dilution. Positive control: Lane 1: HeLa Lane 2: 293T

ADDITIONAL INFORMATION

Related Product Information for anti-ILK antibody

Integrins are heterodimers composed of non-covalently associated transmembrane α and β subunits. The 16 α and 8 β subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind to ligands that are components of the extracellular matrix. Certain integrins can also bind to soluble ligands such as Fibrinogen, or to counterreceptors on adjacent cells, such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors. Signals transduced by integrins play a role in many biological processes, including cell growth, differentiation, migration and apoptosis. ILK (integrin-linked kinase) was identified as a serine/threonine kinase that phosphorylates $\beta 1$ and $\beta 3$ integrins. ILK expression has been shown to be reduced in response to Fibronectin, a known integrin ligand. Overexpression of ILK was shown to upregulate the Fibronectin matrix assembly in epithelial cells, indicating a potential role for ILK in cell growth, cell survival and tumorigenesis.

Product Categories/Family for anti-ILK antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	62420873
NCBI GeneID	3611
NCBI Accession #	NP_001014794.1
NCBI GenBank Nucleotide #	NM_001014794.2
UniProt Accession #	Q13418; P57043; Q68DZ3; D3DQU0
Molecular Weight	51,419 Da

NCBI Official Full Name	integrin-linked protein kinase isoform 1
NCBI Official Synonym Full Names	integrin-linked kinase
NCBI Official Symbol	ILK
NCBI Official Synonym Symbols	P59; ILK-1; ILK-2; p59ILK
NCBI Protein Information	integrin-linked protein kinase; integrin-linked kinase-2; 59 kDa serine/threonine-protein kinase
UniProt Protein Name	Integrin-linked protein kinase
UniProt Gene Name	ILK
UniProt Synonym Gene Names	ILK1; ILK2
UniProt Entry Name	ILK_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/integrin-linked-ilk-antibody-clone-sc68-04-flow-cytometry-immunoprecipitation-immunohistochemistry-immunocytochemistry-western-blot-elisa/312273>