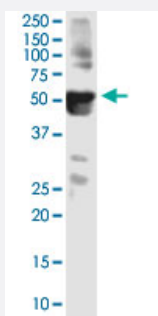


ANKS4B monoclonal antibody (M03), clone 3E3

Catalog # H00257629-M03

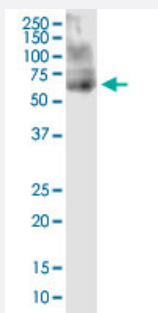
Size 100 ug

Applications



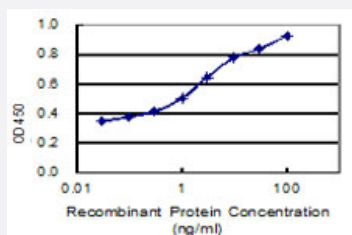
Western Blot (Tissue lysate)

ANKS4B monoclonal antibody (M03), clone 3E3. Western Blot analysis of ANKS4B expression in human kidney.



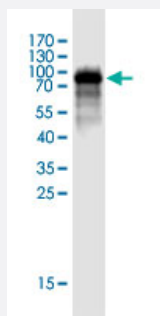
Western Blot (Cell lysate)

ANKS4B monoclonal antibody (M03), clone 3E3. Western Blot analysis of ANKS4B expression in K-562.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ANKS4B is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ANKS4B.
Immunogen	ANKS4B (NP_665872.1, 1 a.a. ~ 417 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSTRYHQAASDSYLELLKEATKRDLNLSDEDGMTPTLLAAYHGNLEALEIICSRGGDPDRCDWG NTPLHFAASNGHAHCVSFLVNFGANIFALDNDLQTPLDAAASREQNECVALLDKAATAQNIMNPK KVTRLKEQAQKNARRQIKECERLQEKHQNKMAHTYSKEESGTLSSSKGTFSRSSPSNASAPGTF GSLSKGIKDTFKIKFKKNKDTAEQVGKEGRSGQRNVMEVFREEEEDSFSGDFKEKLQLSAEEDG SVHHESILNRPGLGSIVFRRNRISPPEDISDSKREFGFKLPSELLQRQGASEADEGAADDEEGEEN GLKDDLPWDDDEVEWEEDVVDATPLEVFLLSQHLEEFLLPIFKREQIDLEALLCSDLEDLQSIQMQ LGPRKKVLNAINRRKQVLQPPGQLVDTSL
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (73 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

ANKS4B monoclonal antibody (M03), clone 3E3. Western Blot analysis of ANKS4B expression in human kidney.

[Protocol Download](#)

- Western Blot (Cell lysate)

ANKS4B monoclonal antibody (M03), clone 3E3. Western Blot analysis of ANKS4B expression in K-562.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ANKS4B is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ANKS4B

Entrez GeneID	257629
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GeneBank Accession#	NM_145865.1
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Protein Accession#	NP_665872.1
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Gene Name	ANKS4B
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Gene Alias	FLJ38819, HARP, MGC133380, MGC133381
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Gene Description	ankyrin repeat and sterile alpha motif domain containing 4B
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Omim ID	609901
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Gene Ontology	Hyperlink
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Other Designations	harmonin-interacting ankyrin-repeat containing protein
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Publication Reference

- [A cryptic sequence targets the adhesion complex scaffold ANKS4B to apical microvilli to promote enterocyte brush border assembly.](#)

Maura J Graves, Samaneh Matoo, Myoung Soo Choi, Zachary A Storad, Rawnag A El Sheikh Idris, Brooke K Pickles, Prashun Acharya, Paula E Shinder, Taylen O Arvay, Scott William Crawley.

The Journal of Biological Chemistry 2020 Sep; 295(36):12588.

Application: IF, IHC-P, WB-Tr, Human, Mouse, Caco-2 cells, HEK 293T cells, Mouse intestinal tissues