

ANKRA2 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant ANKRA2.****Catalog # AT1141a****Specification**

ANKRA2 Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, E
Primary Accession	O9H9E1
Other Accession	NM_023039
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	34272

ANKRA2 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 57763**Other Names**

Ankyrin repeat family A protein 2, RFXANK-like protein 2, ANKRA2, ANKRA

Target/Specificity

ANKRA2 (NP_075526, 1 a.a. ~ 98 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

ANKRA2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

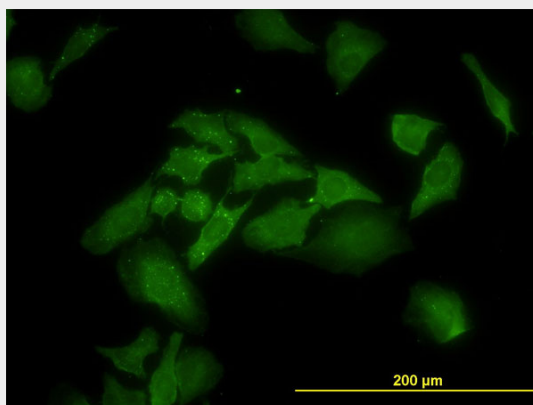
ANKRA2 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

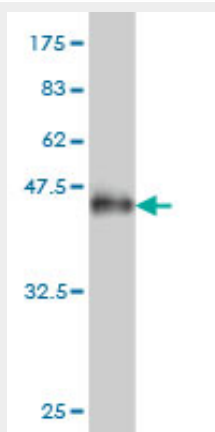
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

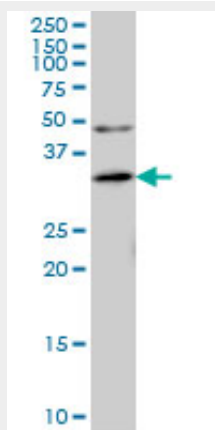
ANKRA2 Antibody (monoclonal) (M01) - Images



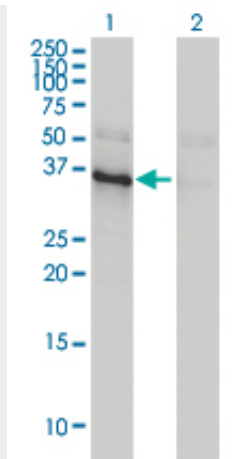
Immunofluorescence of monoclonal antibody to ANKRA2 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .



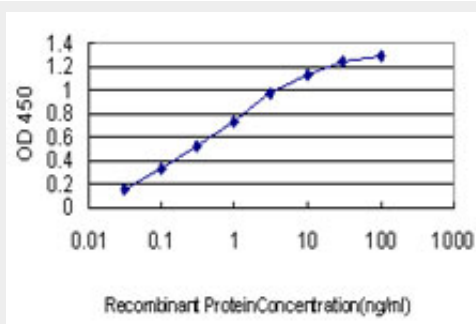
ANKRA2 monoclonal antibody (M01), clone 1D11 Western Blot analysis of ANKRA2 expression in IMR-32 (Cat # AT1141a)



Western Blot analysis of ANKRA2 expression in transfected 293T cell line by ANKRA2 monoclonal antibody (M01), clone 1D11.

Lane 1: ANKRA2 transfected lysate(34 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged ANKRA2 is approximately 0.03ng/ml as a capture antibody.

ANKRA2 Antibody (monoclonal) (M01) - References

Identification of the ankyrin repeat proteins ANKRA and RFXANK as novel partners of class IIa histone deacetylases. Wang AH, et al. J Biol Chem, 2005 Aug 12. PMID 15964851. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932. Characterization of ANKRA, a novel ankyrin repeat protein that interacts with the cytoplasmic domain of megalin. Rader K, et al. J Am Soc Nephrol, 2000 Dec. PMID 11095640.