10320 Camino Santa Fe, Suite G
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FLJ44691 Antibody (monoclonal) (M09)

Mouse monoclonal antibody raised against a partial recombinant LRIT3.
Catalog # AT2074a

Specification

FLJ44691 Antibody (monoclonal) (M09) - Product Information

Application	**WB, IHC, E**
Primary Accession	Q3SXY7
Other Accession	NM_198506
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**74754**

FLJ44691 Antibody (monoclonal) (M09) - Additional Information

Gene ID 345193

Other Names
Leucine-rich repeat, immunoglobulin-like domain and transmembrane domain-containing protein 3, LRIT3

Target/Specificity
LRIT3 (NP_940908, 422 a.a. ~ 496 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
FLJ44691 Antibody (monoclonal) (M09) is for research use only and not for use in diagnostic or therapeutic procedures.

FLJ44691 Antibody (monoclonal) (M09) - Protocols

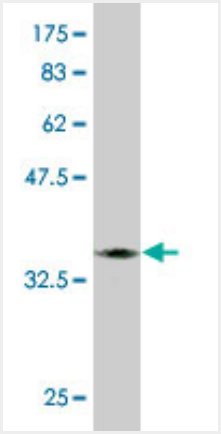
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

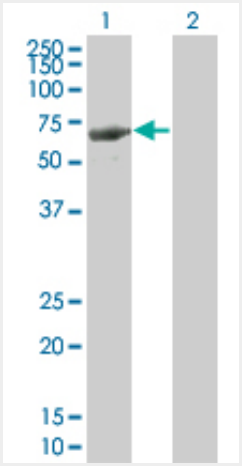
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FLJ44691 Antibody (monoclonal) (M09) - Images



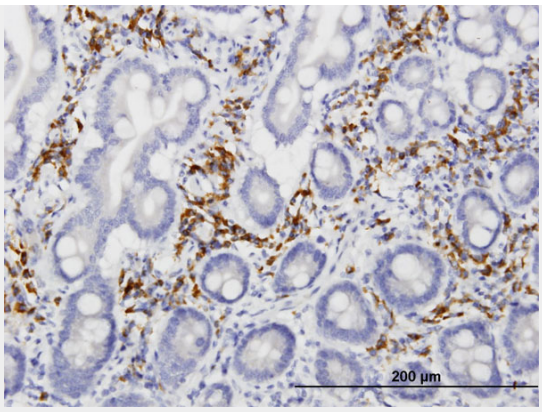
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (33.99 KDa) .



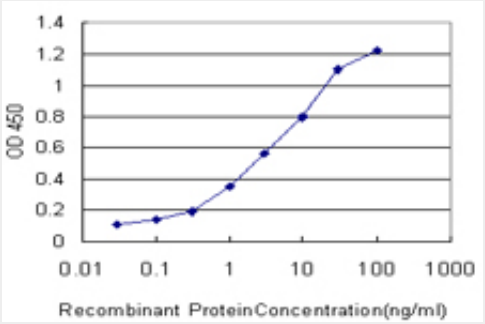
Western Blot analysis of LRIT3 expression in transfected 293T cell line by LRIT3 monoclonal antibody (M09), clone 3E7.

Lane 1: LRIT3 transfected lysate(60.521 KDa).
Lane 2: Non-transfected lysate.

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Immunoperoxidase of monoclonal antibody to LRIT3 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 1.2 ug/ml]



Detection limit for recombinant GST tagged LRIT3 is approximately 0.1ng/ml as a capture antibody.

FLJ44691 Antibody (monoclonal) (M09) - References

A systematic gene-based screen of chr4q22-q32 identifies association of a novel susceptibility gene, DKK2, with the quantitative trait of alcohol dependence symptom counts. Kalsi G, et al. Hum Mol Genet, 2010 Jun 15. PMID 20332099.Genome-wide association of echocardiographic dimensions, brachial artery endothelial function and treadmill exercise responses in the Framingham Heart Study. Vasan RS, et al. BMC Med Genet, 2007 Sep 19. PMID 17903301.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.Normalization and subtraction: two approaches to facilitate gene discovery. Bonaldo MF, et al. Genome Res, 1996 Sep. PMID 8889548.