10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RIPK2 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant RIPK2.
Catalog # AT3646a

Specification

RIPK2 Antibody (monoclonal) (M02) - Product Information

Application	**WB, IHC, E**
Primary Accession	O43353
Other Accession	BC004553
Reactivity	**Human, Mouse, Rat**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**61195**

RIPK2 Antibody (monoclonal) (M02) - Additional Information

Gene ID 8767

Other Names
Receptor-interacting serine/threonine-protein kinase 2, CARD-containing interleukin-1 beta-converting enzyme-associated kinase, CARD-containing IL-1 beta ICE-kinase, RIP-like-interacting CLARP kinase, Receptor-interacting protein 2, RIP-2, Tyrosine-protein kinase RIPK2, RIPK2, CARDIAK, RICK, RIP2

Target/Specificity
RIPK2 (AAH04553, 431 a.a. ~ 540 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
RIPK2 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

RIPK2 Antibody (monoclonal) (M02) - Protocols

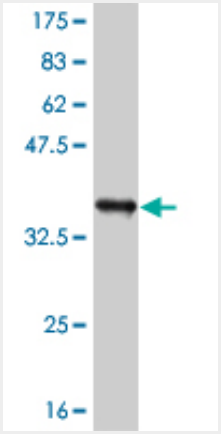
Provided below are standard protocols that you may find useful for product applications.

- Western Blot

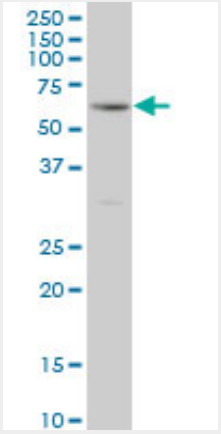
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RIPK2 Antibody (monoclonal) (M02) - Images

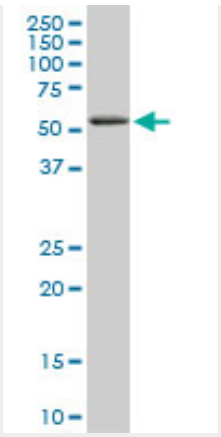


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .

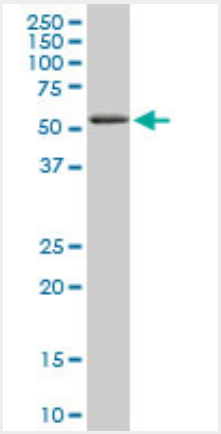


RIPK2 monoclonal antibody (M02), clone 6F7 Western Blot analysis of RIPK2 expression in HeLa ((Cat # AT3646a)

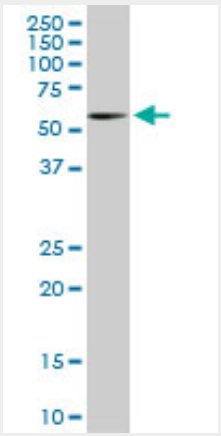
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



RIPK2 monoclonal antibody (M02), clone 6F7. Western Blot analysis of RIPK2 expression in PC-12 ((Cat # AT3646a)

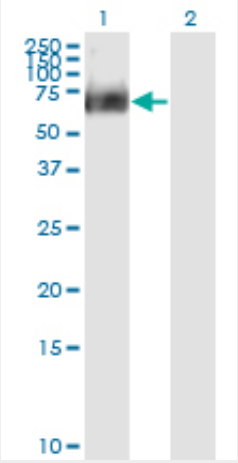


RIPK2 monoclonal antibody (M02), clone 6F7. Western Blot analysis of RIPK2 expression in Raw 264.7 ((Cat # AT3646a)



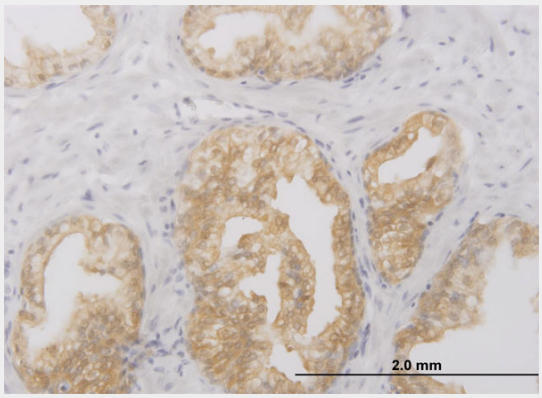
RIPK2 monoclonal antibody (M02), clone 6F7. Western Blot analysis of RIPK2 expression in NIH/3T3 ((Cat # AT3646a)

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

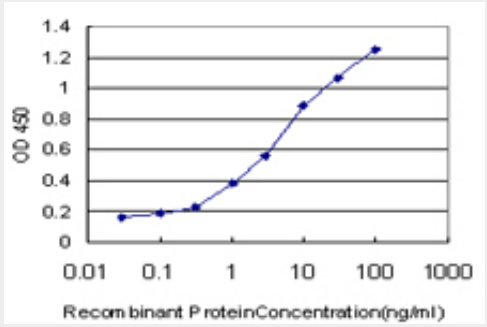


Western Blot analysis of RIPK2 expression in transfected 293T cell line by RIPK2 monoclonal antibody (M02), clone 6F7.

Lane 1: RIPK2 transfected lysate(61.2 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to RIPK2 on formalin-fixed paraffin-embedded human prostate. [antibody concentration 1.2 ug/ml]



Detection limit for recombinant GST tagged RIPK2 is approximately 0.1ng/ml as a capture antibody.

RIPK2 Antibody (monoclonal) (M02) - Background

This gene encodes a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases. The encoded protein contains a C-terminal caspase activation and recruitment domain (CARD), and is a component of signaling complexes in both the innate and adaptive immune pathways. It is a potent activator of NF-kappaB and inducer of apoptosis in response to

various stimuli.

RIPK2 Antibody (monoclonal) (M02) - References

Common genetic variation and performance on standardized cognitive tests. Cirulli ET, et al. Eur J Hum Genet, 2010 Jul. PMID 20125193.RIP2: a novel player in the regulation of keratinocyte proliferation and cutaneous wound repair? Adams S, et al. Exp Cell Res, 2010 Mar 10. PMID 20025869.Genomewide association study of leprosy. Zhang FR, et al. N Engl J Med, 2009 Dec 31. PMID 20018961.MS80, a novel sulfated polysaccharide, inhibits CD40-NF-kappaB pathway via targeting RIP2. Du X, et al. Mol Cell Biochem, 2010 Apr. PMID 19911254.Association between genetic variants in VEGF, ERCC3 and occupational benzene haematotoxicity. Hosgood HD 3rd, et al. Occup Environ Med, 2009 Dec. PMID 19773279.