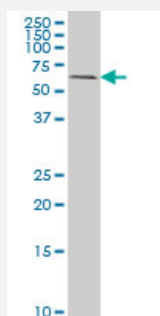


RIPK2 monoclonal antibody (M05), clone 7F5

Catalog # H00008767-M05

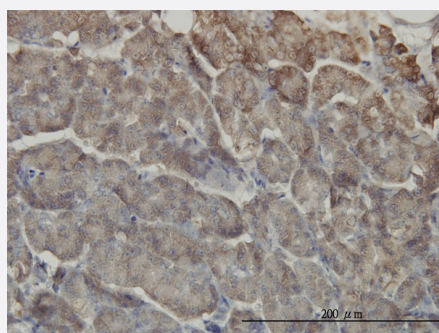
Size 100 ug

Applications



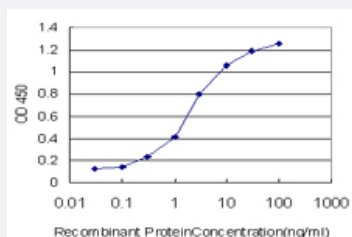
Western Blot (Cell lysate)

RIPK2 monoclonal antibody (M05), clone 7F5 Western Blot analysis of RIPK2 expression in HeLa (Cat # L013V1).



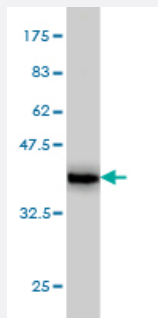
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to RIPK2 on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RIPK2.
Immunogen	RIPK2 (AAH04553, 431 a.a. ~ 540 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LQPGIAQQWQSKREDIVNQMTACLNQSLDALLSRDLIMKEDYELVSTKPTRTSKVRQLDITDIQ GEEFAKVVQKLKDNKQMGLQPYPEILVVSRSPLNLLQNKSM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (85)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 (Cell lysate)

RIPK2 monoclonal antibody (M05), clone 7F5 Western Blot analysis of RIPK2 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to RIPK2 on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — RIPK2

Entrez GeneID [8767](#)

GeneBank Accession# [BC004553](#)

Protein Accession# [AAH04553](#)

Gene Name RIPK2

Gene Alias CARD3, CARDIAK, CCK, GIG30, RICK, RIP2

Gene Description receptor-interacting serine-threonine kinase 2

Omim ID [603455](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations CARD-carrying kinase|CARD-containing interleukin-1 beta-converting enzyme (ICE)-associated kinase|growth-inhibiting gene 30|receptor interacting protein 2|receptor-interacting protein (RIP)-like interacting caspase-like apoptosis regulatory protein (CLARP

Publication Reference

- [A proteomic analysis of C-reactive protein stimulated THP-1 monocytes.](#)

Eisenhardt SU, Habersberger J, Oliva K, Lancaster GI, Ayhan M, Woollard KJ, Bannasch H, Rice GE, Peter K.

Proteome Science 2011 Jan; 9(1):1.

Application: WB, Human, THP-1 cells

Pathway

- [Neurotrophin signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Leprosy](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Occupational Diseases](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)