

## [KD Validated] Anti-IRAK2 Mouse mAb

Purified Recombinant Rabbit Monoclonal Antibody

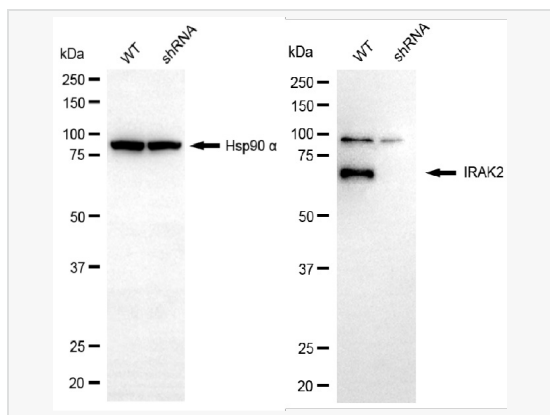
Catalog # M020079

### Product Information

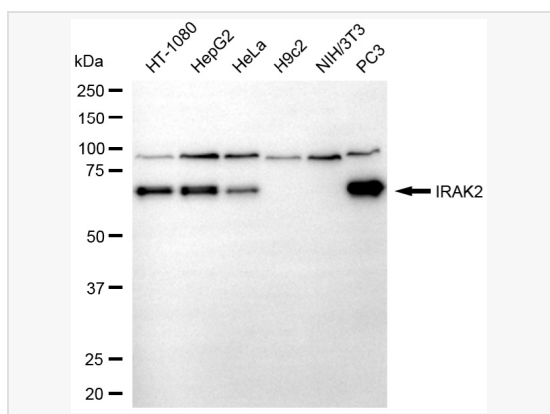
Application	WB
Reactivity	Human
Dilution	WB 1:500~1:2,500
Host	Mouse
Clonality	Monoclonal
Clone No.	47A17C39
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human IRAK2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 12 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	[KD Validated] Anti-IRAK2 Mouse mAb [47A17C39] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	IRAK2; Interleukin 1 Receptor Associated Kinase 2; Interleukin-1 Receptor-Associated Kinase-Like; IRAK-2.
Calculated MW	Calculated MW: 69 kDa; Observed MW: 69 kDa
Uniprot ID	O43187
Gene ID	3656
Background	IRAK2 encodes the interleukin-1 receptor-associated kinase 2, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. IRAK2 is reported to participate in the IL1-induced upregulation of NF-kappaB. [provided by RefSeq, Jul 2008]
Tissue Location	Expressed in spleen, thymus, prostate, lung, liver, skeletal muscle, kidney, pancreas and peripheral blood leukocytes.



Western blotting analysis using IRAK2 antibody (M020079). IRAK2 expression in wild type (WT) and IRAK2 shRNA knockdown (KD) HeLa cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with IRAK2 antibody (M020079, 1:2,500) and HRP-conjugated goat mouse secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.



Western blotting analysis using IRAK2 antibody (M020079). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with IRAK2 antibody (M020079, 1:2,500) and HRP-conjugated goat mouse secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.