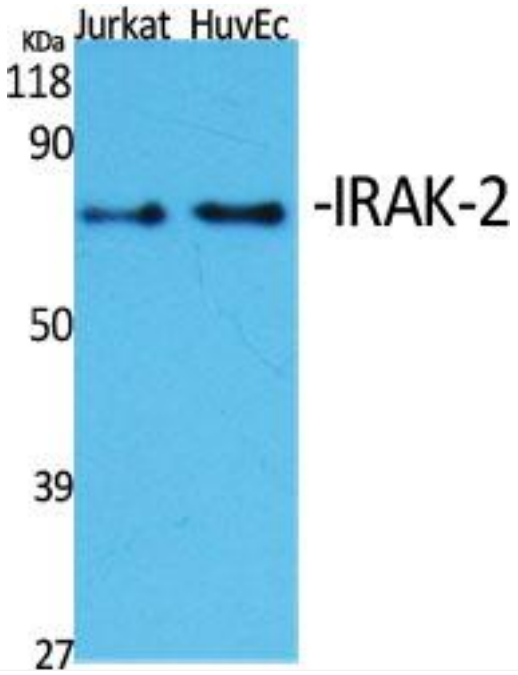
IRAK-2 Monoclonal Antibody

Catalog No	YP-mAb-14796
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	IRAK2
Protein Name	Interleukin-1 receptor-associated kinase-like 2
Immunogen	Synthesized peptide derived from the Internal region of human IRAK-2.
Specificity	IRAK-2 Monoclonal Antibody detects endogenous levels of IRAK-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IRAK2; Interleukin-1 receptor-associated kinase-like 2; IRAK-2
Observed Band	70kD
Cell Pathway	nucleus,cytoplasm,cytosol,plasma membrane,endosome membrane,
Tissue Specificity	Expressed in spleen, thymus, prostate, lung, liver, skeletal muscle, kidney, pancreas and peripheral blood leukocytes.
Function	caution:Asn-335 is present instead of the conserved Asp which is expected to be an active site residue. This enzyme has been shown to be catalytically inactive.,domain:The protein kinase domain is predicted to be catalytically inactive.,function:Binds to the IL-1 type I receptor following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization.,similarity:Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily.,similarity:Contains 1 death domain.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with MYD88. IL-1 stimulation leads to the formation of a signaling complex which dissociates from the IL-1 receptor following the binding of PELI1.,tissue specificity:Expressed in spleen, thymus, prostate, lung, liver, skeletal muscle, kidney, pancreas and peripheral blood leuko
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-kapMAB. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using IRAK-2 Monoclonal Antibody