Anti-IRAK2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014385

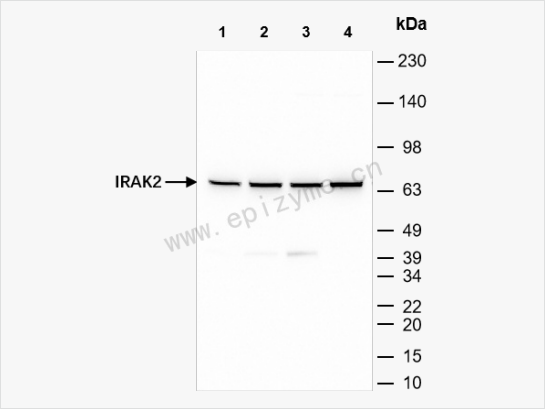
Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:1,000~1:2,000; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	43B45A46
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human IRAK2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-IRAK2 Rabbit mAb [43B45A46] is for research use only and not for use in diagnostic or therapeutic procedures.

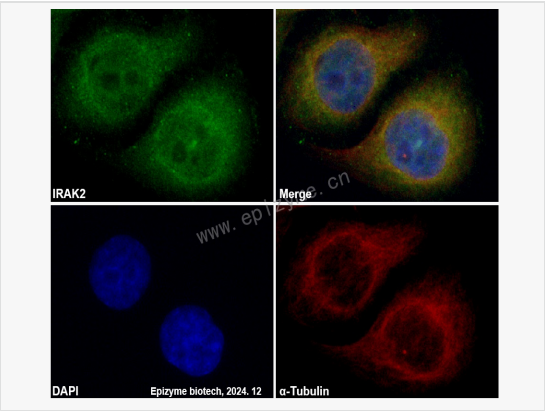
Protein Information

Synonyms	il1rak2, Interleukin 1 receptor associated kinase 2, Interleukin 1 receptor associated kinase like 2, Interleukin-1 receptor-associated kinase-like 2, IRAK 2, IRAK-2, Irak2, IRAK2_HUMAN, MGC150550.
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.

Validation Images



Western Blot - Anti-IRAK2 Rabbit mAb [43B45A46]
All lanes: R014385 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 69 kDa
Observed band size: 69 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunofluorescence - Anti-IRAK2 Rabbit mAb [43B45A46]
Sample: HeLa cells
The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.
Primary antibodies: R014385 at 1:100 dilution and α-tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution
Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)
Nuclei were stained with DAPI (shown in blue).