

KD-Validated Anti-IRAK3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

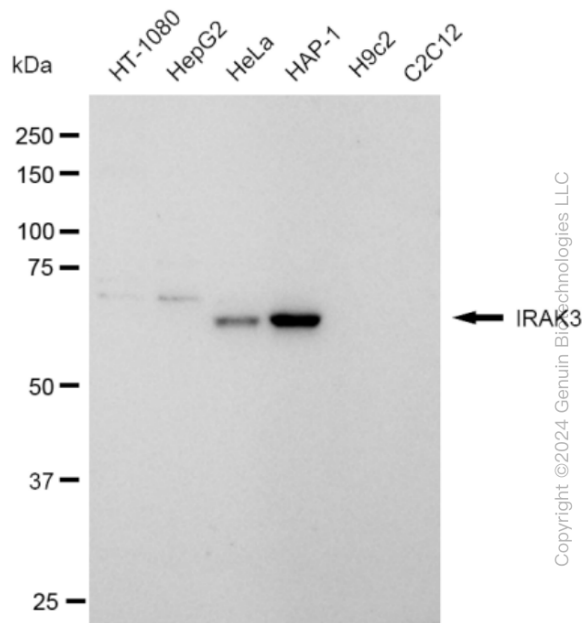
ABG1959

Product Overview

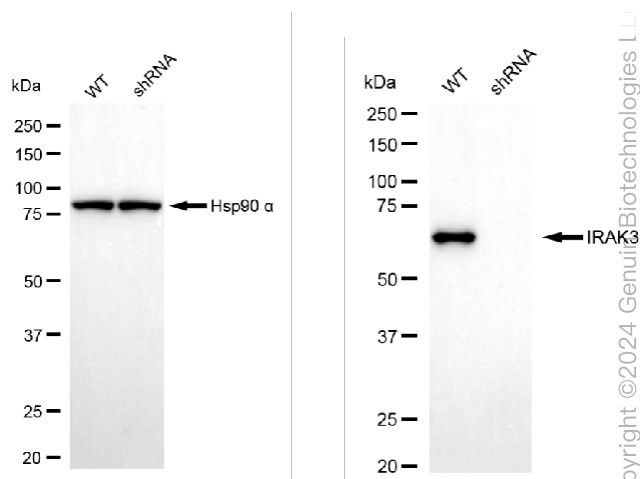
Name	KD-Validated Anti-IRAK3 Rabbit Monoclonal Antibody
Accession(Primary)	Q9Y616
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human IRAK3
Species Reactivity	Human
Calculated MW	Predicted, 68 kDa , observed, 68 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q9Y616)

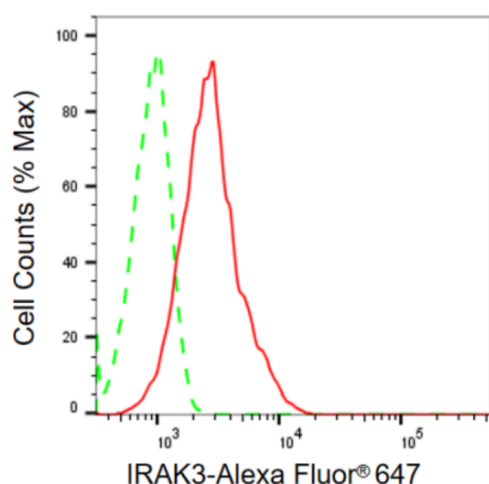
Gene Name	IRAK3
About Gene Symbol	IRAK3 (Interleukin 1 Receptor Associated Kinase 3) is a cytokine and immune signaling protein involved in immune signaling. It is an important research target in immunology, inflammation, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



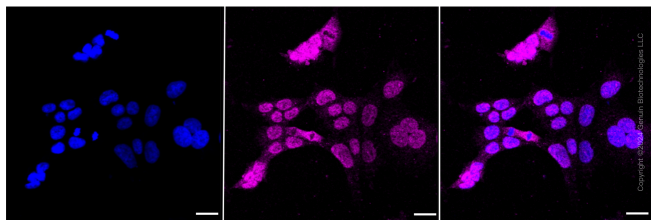
Western blotting analysis using anti-IRAK3 antibody (Cat#ABG1959). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IRAK3 antibody (Cat#ABG1959, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-IRAK3 antibody (Cat#ABG1959). IRAK3 expression in wild type (WT) and IRAK3 shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-IRAK3 antibody (Cat#ABG1959, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of IRAK3 in HAP-1 cells using IRAK3 antibody (Cat#ABG1959, 1:2,000). Green, isotype control; red, IRAK3.



Immunocytochemical staining of HAP-1 cells with IRAK3 antibody (Cat#ABG1959, 1:1,000). Nuclei were stained blue with DAPI; IRAK3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.