

## IRAK-4 Antibody

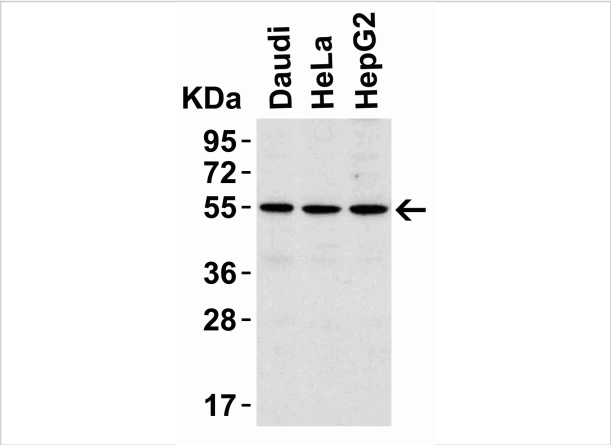
CATALOG NUMBER: 3125

### Specifications

Host Species	Rabbit
Species Reactivity	Human
Homology	Predicted species reactivity based on immunogen sequence: Bovine: (85%), Mouse: (85%), Rat (77%)
Immunogen	Anti-IRAK4 antibody ( <b>3125</b> ) was raised against a peptide corresponding to 13 amino acids near the carboxy terminus of human IRAK4. The immunogen is located within the last 50 amino acids of IRAK4.
Conjugate	Unconjugated
Tested Applications	ELISA, ICC, IF, WB
User Note	Optimal dilutions for each application to be determined by the researcher.
Specificity	IRAK-4 antibody is predicted to not cross-react with other members of the IRAK protein family.
Predicted Molecular Weight	Predicted: 52kD Observed: 55 kD

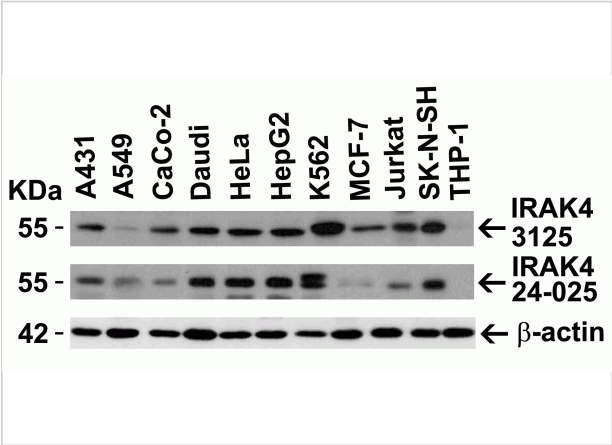
### Properties

Purification	IRAK-4 Antibody is affinity chromatography purified via peptide column.
Clonality	Polyclonal
Isotype	IgG
Physical State	Liquid
Buffer	IRAK-4 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL
Storage Conditions	IRAK-4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



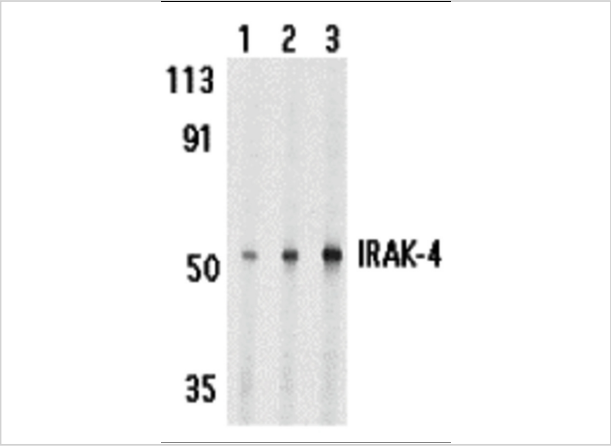
### IRAK-4 Antibody 1

**Figure 1 Western Blot Validation in Human Cell Lines**  
 Loading: 15 µg/ of lysates per lane.Antibodies: IRAK4 3125 (1 µg/mL), 1h incubation at RT in 5% NFDm/TBST.Secondary: Goat a...



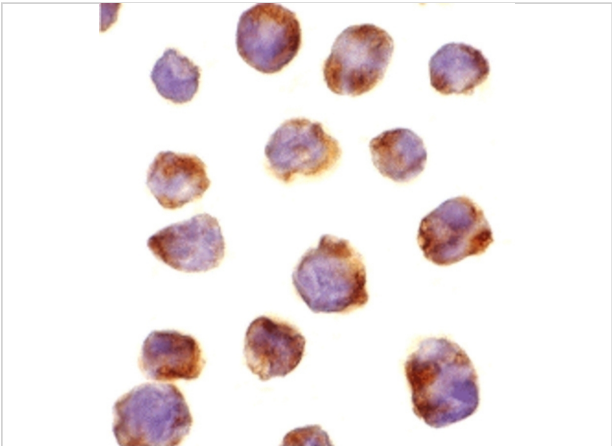
### IRAK-4 Antibody 2

**Figure 2 Independent Antibody Validation (IAV) via Protein Expression Profile in Cell Lines**  
 Loading: 15 µg of lysates per lane.Antibodies: IRAK4-3125 (1 µg/mL), IRAK4-24-025 (1 ...



### IRAK-4 Antibody 3

**Figure 3 Western Blot Validation in Human HeLa Cell Lines**  
 Loading: 15 µg of lysates per lane.Antibodies: IRAK4 3125, 1h incubation at RT in 5% NFDm/TBST.Secondary: Goat anti-rab...



### IRAK-4 Antibody 4

**Figure 4 Immunocytochemistry Validation of IRAK4 in K562 Cells**  
 Immunocytochemical analysis of K562 cells using anti-IRAK4 antibody (3125) at 10 µg/ml. Cells was fixed with forma...

## Disclaimer

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Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.

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