

Rig-I/DDX58 Monoclonal Antibody

CAB23179

Description

This Rig-I/DDX58 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB23179
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	RIG1, DDX58, RIG-I, RLR-1, SGMRT2, Rig-I/DDX58
Clone:	ARC54108
Applications:	WB ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	23586
Uniprot:	-
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	107 kDa
Calculated MW:	107 kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

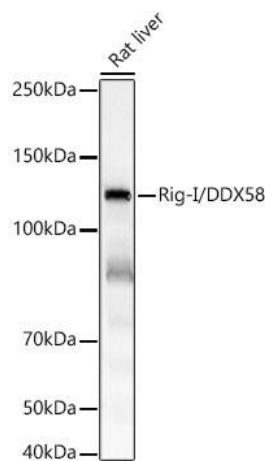
Positive Sample: Rat liver, THP-1 treated with LPS, RAW 264.7 treated with LPS

Recommended Dilutions:

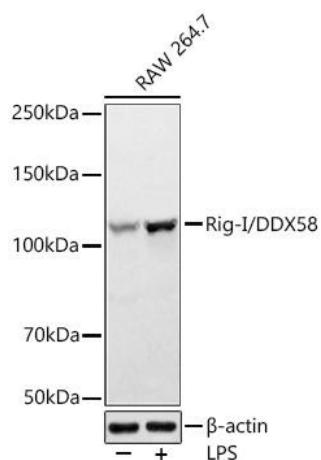
WB	1:2000 - 1:8000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of lysates from rat liver, using Rig-I/ Rabbit mAb (CAB23179) at 1:4000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Western blot analysis of lysates from RAW 264.7 cells using Rig-I/ Rabbit mAb (CAB23179) at 1:4000 dilution incubated overnight at 4°C. RAW 264.7 cells were treated with LPS (1 µg/mL) at 37°C overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 20s.

