

Rig-I/DDX58 Monoclonal Antibody

CAB22478

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:	CAB22478
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:	ARC54110
Applications:	WB ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse

Antibody Data

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

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

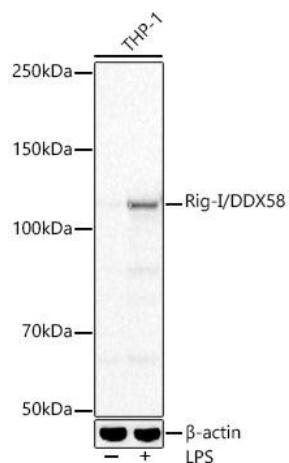
Positive Sample: THP-1 treated with LPS, RAW264.7 treated with LPS

Recommended Dilutions:

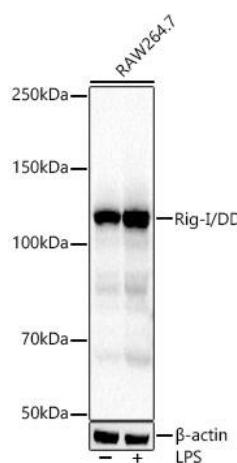
WB	1:2000 - 1:10000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 various lysates, using Rig-I/ Rabbit mAb (CAB22478) at 1:2000 dilution. THP-1 cells were treated with LPS (1 µg/ml) at 37°C for 6 hours. 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: 3s.



Western blot analysis of lysates from Raw264.7 cells, using Rig-I/ Rabbit mAb (CAB22478) at 1:2000 dilution. Raw264.7 cells were treated with LPS (1 µg/ml) at 37°C for 8 hours. 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: 3s.