

TLR2 Monoclonal Antibody

CAB19125

Description

This TLR2 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: CAB19125
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: TIL4, CD282, TLR2
Clone: ARC0433
Applications: WB IF/ICC ELISA IF-P
Conjugation: Unconjugated
Reactivity: Human, Mouse

Antibody Data

Gene ID: 7097
Uniprot: AB_2862618
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 90-105kDa
Calculated MW: 90kDa

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.

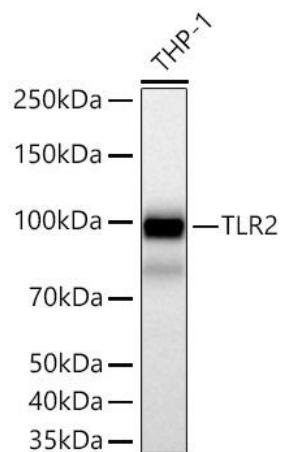
Positive Sample: THP-1

Recommended Dilutions:

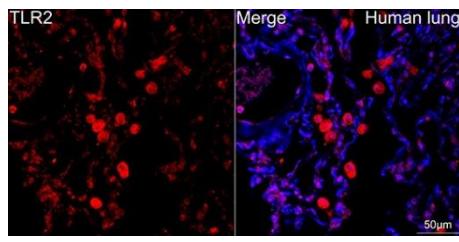
WB	1:1000 - 1:2000
IF/ICC	1:100 - 1:400
IF-P	1:100 - 1:400
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

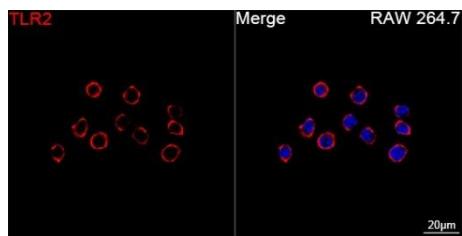
Validation Data



Western blot analysis of lysates from THP-1 cells using Rabbit mAb (CAB19125) at 1:1000 dilution incubated overnight at 4°C. 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: 45s.



Confocal imaging of paraffin-embedded Human lung tissue using Rabbit mAb (CAB19125, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (CABS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of RAW 264.7 cells using Rabbit mAb (CAB19125, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (CABS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.