

## IL18R1/IL-18 R alpha Monoclonal Antibody

CAB21208

### Description

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This IL18R1/IL-18 R alpha 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

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<b>SKU:</b>	CAB21208
<b>Contents:</b>	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Synonyms:</b>	CD218a, IL18RA, IL1RRP, CDw218a, IL-1Rrp, IL-18Ralpha, IL18Ralpha2, IL-18R-alpha, IL18R1/IL-18 R alpha
<b>Clone:</b>	ARC52216
<b>Applications:</b>	<span style="background-color: red; color: white; padding: 2px 5px;">WB</span> <span style="background-color: #0072BD; color: white; padding: 2px 5px;">ELISA</span>
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Human

### Antibody Data

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<b>Gene ID:</b>	8809
<b>Uniprot:</b>	-
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	95kDa (Recombinant Human IL18R1 Protein)
<b>Calculated MW:</b>	62kDa

## Preparation & Storage

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**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:** Recombinant Human IL18R1 Protein

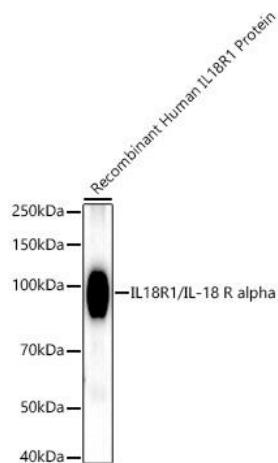
**Recommended Dilutions:**

WB	1:1000 - 1:5000
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

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Western blot analysis of Recombinant Human IL-18R1/CD218a Protein, using IL18R1/IL-18 R alpha Rabbit mAb (CAB21208) at 1:1600 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 10ng per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.