

## IL4 Monoclonal Antibody

**CAB22284**

### Description

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This IL4 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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**SKU:** CAB22284  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Monoclonal Antibody  
**Synonyms:** IL-4, BSF-1, IL4  
**Clone:** ARC56660  
**Applications:** **WB** **ELISA**  
**Conjugation:** Unconjugated  
**Reactivity:** Mouse

### Antibody Data

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**Gene ID:** 16189  
**Uniprot:** AB\_3678806  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 16kDa/18kDa (Recombinant Protein)  
**Calculated MW:** 16kDa

## Preparation & Storage

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**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** Recombinant Mouse IL4 protein

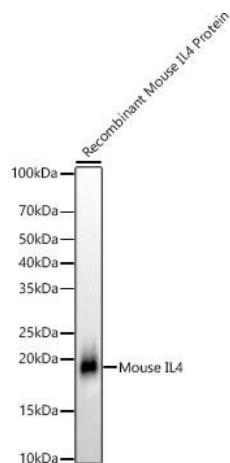
**Recommended Dilutions:**

<b>WB</b>	1:1000 - 1:5000
<b>ELISA</b>	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 various lysates, using Rabbit mAb (CAB22284) at 1:2000 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.