

## FOXP3 Monoclonal Antibody

**CAB4953**

### Description

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This FOXP3 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:** CAB4953

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Monoclonal Antibody

**Synonyms:** JM2, AIID, IPEX, PIDX, XPID, DIETER, FOXP3

**Clone:** ARC1159

**Applications:** WB IP ELISA

**Conjugation:** Unconjugated

**Reactivity:** Human

### Antibody Data

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**Gene ID:** 50943

**Uniprot:** AB\_2863396

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 47kDa

**Calculated MW:** 47kDa

## 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:** Jurkat

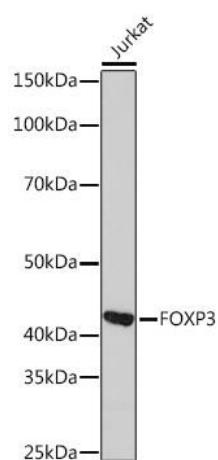
**Recommended Dilutions:**

<b>WB</b>	1:1000 - 1:4000
<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

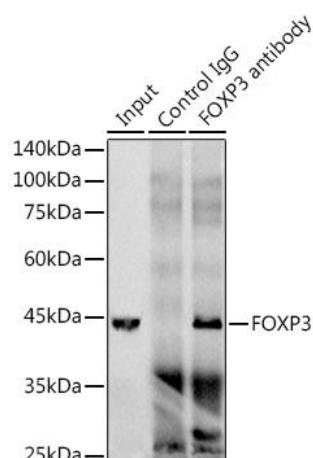
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

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Western blot analysis of lysates from Jurkat cells, using FOXP3 Rabbit mAb (CAB4953) at 1:1000 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.



Immunoprecipitation analysis of 300 µg extracts of Jurkat cells using 3 µg FOXP3 antibody (CAB4953). Western blot was performed from the immunoprecipitate using FOXP3 antibody (CAB4953) at a dilution of 1:1000.