

## Mouse anti V5-Tag Monoclonal Antibody

CABE017

### Description

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This Mouse anti V5-Tag 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>	CABE017
<b>Contents:</b>	20 $\mu$ L, 100 $\mu$ L Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Synonyms:</b>	V5, V5 tag, V5-tag
<b>Clone:</b>	AMC0506
<b>Applications:</b>	<span>WB</span> <span>IF/ICC</span> <span>IP</span> <span>ELISA</span>
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Species independent

### Antibody Data

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<b>Gene ID:</b>	-
<b>Uniprot:</b>	AB_2770413
<b>Host Species:</b>	Mouse
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	Refer to Figures
<b>Calculated MW:</b>	-

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, 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.

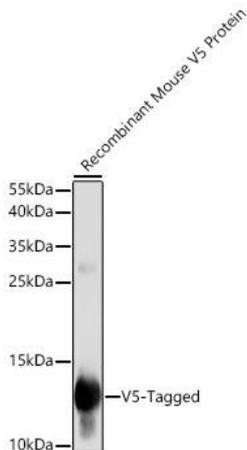
**Positive Sample:** Recombinant Mouse V5 protein

**Recommended Dilutions:**

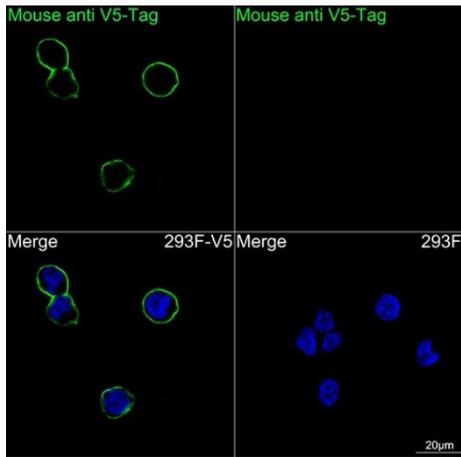
<b>WB</b>	1:2000 - 1:10000
<b>IF/ICC</b>	1:50 - 1:200
<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**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



Western blot analysis of recombinant Mouse protein using Mouse anti -Tag mAb (CABE017) at dilution of 1:2000. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Lysates/proteins: 10ng per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Confocal imaging of 293F transfected with and 293F cells using Mouse anti -Tag mAb (CABE017, dilution 1:200) followed by a further incubation with ABflo<sup>®</sup> 488-conjugated Goat anti-Mouse IgG (H+L) (, 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.