

## [KO Validated] METTL3 Monoclonal Antibody

CAB19079

### Description

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This [KO Validated] METTL3 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:** CAB19079  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Monoclonal Antibody  
**Synonyms:** M6A, IME4, Spo8, MT-A70, hMETTL3, METTL3  
**Clone:** ARC0487  
**Applications:** **WB** | **IHC-P** | **IF/ICC** | **IP** | **ELISA**  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 56339  
**Uniprot:** AB\_2862571  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 75kDa  
**Calculated MW:** 64kDa

## 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.

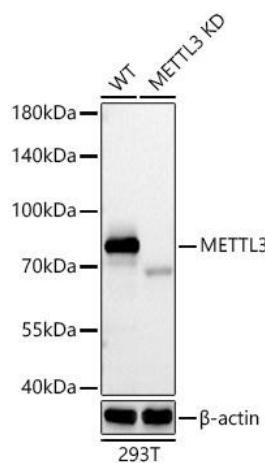
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** HeLa, 293T, 293F, Mouse brain, Rat brain

<b>Recommended Dilutions:</b>	<b>WB</b>	1:1000 - 1:2000
	<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
	<b>IF/ICC</b>	1:100 - 1:400
	<b>IHC-P</b>	1:200 - 1:800
	<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 lysates from wild type (WT) and METTL3 knockdown (KD) 293T cells using METTL3 Rabbit mAb (CAB19079) 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: 20s.

