

## GRB2 Monoclonal Antibody

**CAB19059**

### Description

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This GRB2 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:** CAB19059

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Monoclonal Antibody

**Synonyms:** ASH, Grb3-3, MST084, NCKAP2, MSTP084, EGFRBP-GRB2, GRB2

**Clone:** ARC0430

**Applications:** WB IHC-P IF/ICC IP ELISA

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 2885

**Uniprot:** AB\_2862552

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 25kDa

**Calculated MW:** 25kDa

## 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.

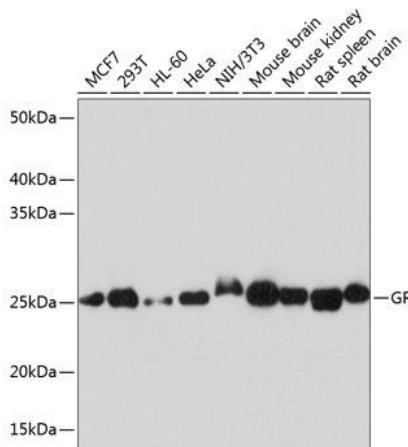
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** MCF7, 293T, HL-60, HeLa, NIH/3T3, Mouse brain, Mouse kidney, Rat spleen, Rat brain

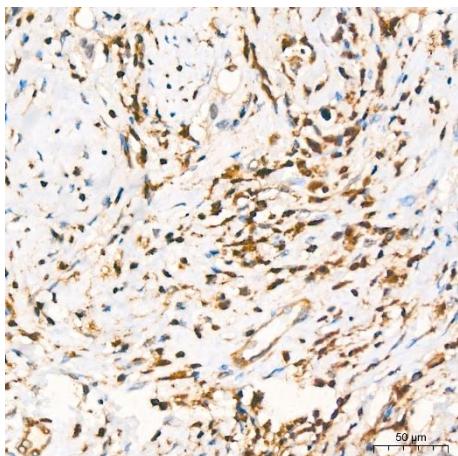
<b>Recommended Dilutions:</b>	WB	1:1000 - 1:6000
	IHC-P	1:200 - 1:800
	IF/ICC	1:100 - 1:800
	IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**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

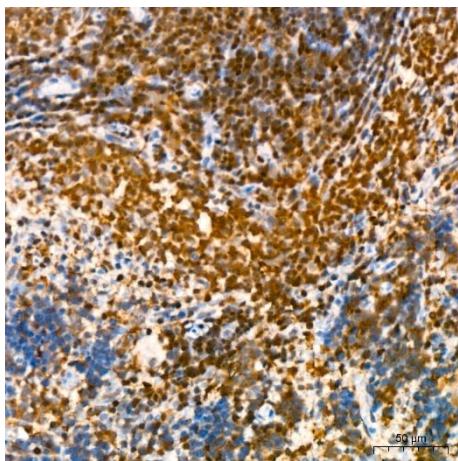
## Validation Data



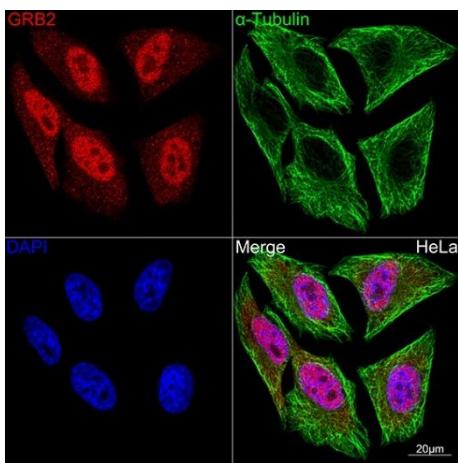
Western blot analysis of various lysates using Rabbit mAb (CAB19059) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 5s.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Rabbit mAb (CAB19059) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen using Rabbit mAb (CAB19059) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Confocal imaging of HeLa cells using Rabbit mAb (CAB19059, dilution 1:100) (Red). The cells were counterstained with  $\alpha$ -Tubulin Mouse mAb (CABC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.