

GM130 Monoclonal Antibody

CAB11408

Description

This GM130 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

SKU: CAB11408
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: GM130, DEDHMB
Clone: ARC0589
Applications: WB IHC-P IF/ICC ELISA
Conjugation: Unconjugated
Reactivity: Human, Mouse

Antibody Data

Gene ID: 2801
Uniprot: AB_2861561
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 130kDa/140kDa
Calculated MW: 113kDa

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.

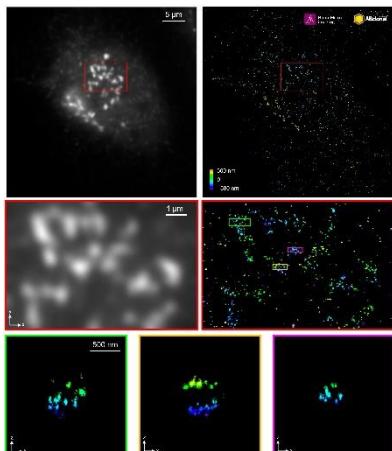
Positive Sample: HeLa

Recommended Dilutions:

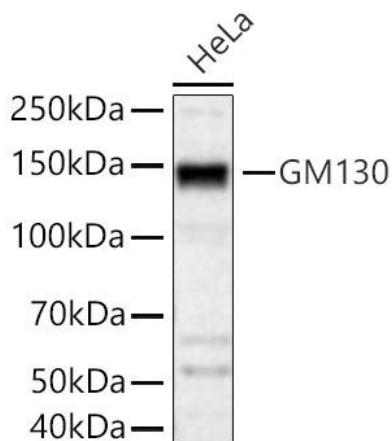
| | |
|--------|---|
| WB | 1:1000 - 1:6000 |
| IHC-P | 1:200 - 1:800 |
| IF/ICC | 1:100 - 1:2000 |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

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

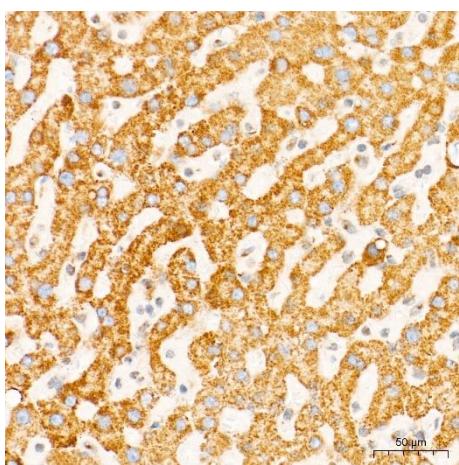
Validation Data



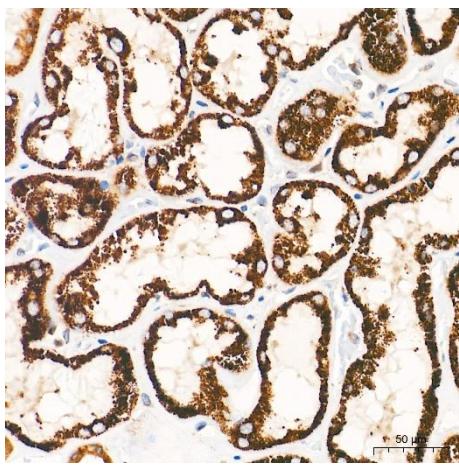
The STORM super-resolution (SR) imaging of U-2 OS cells using Rabbit mAb (CAB11408, ABclonal) at dilution of 1:200 with 3% paraformaldehyde (PFA) +0.1% glutaraldehyde (GA) fixation. The immunostaining was performed by Full Automatic Immunofluorescence Workflow System (Workflow Ultra300, Nano-Micro imaging, China). Image was performed with Single-Molecule Localization Super-Resolution Microscopy (STORM Ultra300, Nano-Micro imaging, China). We acknowledge Nano-Micro imaging Biotechnology Co., Ltd. in SR image processing and kindly providing this image.



Western blot analysis of lysates from HeLa cells using Rabbit mAb (CAB11408) 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: 10s.



Immunohistochemistry analysis of paraffin-embedded Human liver tissue using Rabbit mAb (CAB11408) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using Rabbit mAb (CAB11408) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.