Data Sheet (Cat.No.TMAC-01708)

Anti-GRASP65 Antibody (9N637)

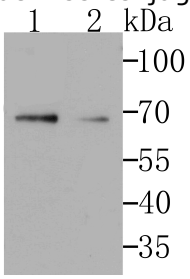
Product Details

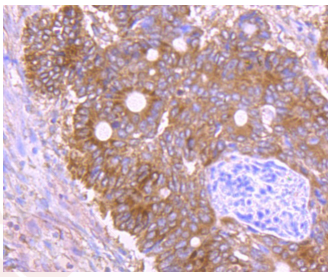
Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 46 kDa.
Clone:	9N637
Purification:	ProA affinity purified

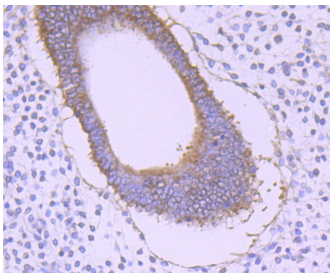
Applications

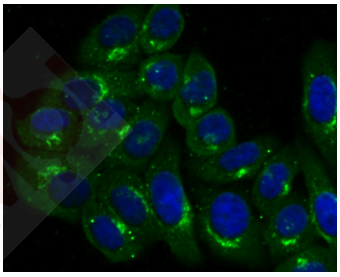
Verified Activity:

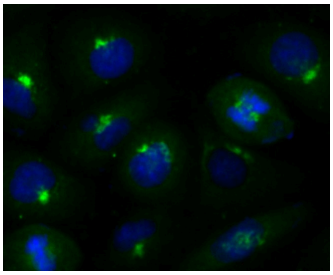
1. Western blot analysis of GRASP65 on different cell lysates using anti-GRASP65 at 1/500 dilution. Positive control: Line 1: THP-1, Line 2: SKBR3.
2. Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-GRASP65 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human uterine tissue using anti-GRASP65 antibody. Counter stained with hematoxylin.
4. ICC staining GRASP65 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
5. ICC staining GRASP65 in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
6. ICC staining GRASP65 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
7. Flow cytometric analysis of MCF-7 cells with GRASP65 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

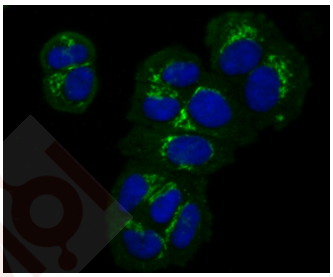


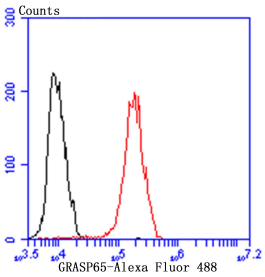












Application: FCM,ICC,IF,IHC,IP,WB

Recommended: WB: 1:500-1000; IHC: 1:50-200; ICC: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	Q9BQQ3
Synonyms:	Gorasp 1;GORS1_HUMAN;Golgi phosphoprotein 5;Golgi reassembly stacking protein 1 65kDa; GOLPH5;FLJ23443;Golgi reassembly and stacking protein 65 kDa;GORASP1;Golgi reassembly stacking protein of 65 kDa;P65;MGC118894;Golgi reassembly stacking protein 1;Golgi reassembly-stacking protein of 65 kDa;GRASP65;GRASP 65;Golgi reassembly and stacking protein 1;MGC118897;Golgi peripheral membrane protein p65;Golgi reassembly and stacking protein, 65-kD;GOLPH 5;Golgi reassembly-stacking protein 1

Research Background

Stacking factor involved in the postmitotic assembly of Golgi stacks from mitotic Golgi fragments. Key structural protein required for the maintenance of the Golgi apparatus integrity: its caspase-mediated cleavage is required for fragmentation of the Golgi during apoptosis (By similarity). Also mediates, via its interaction with GOLGA2/GM130, the docking of transport vesicles with the Golgi membranes.