

REEP1/2 Antibody
REEP1/2 Antibody, Clone S326D-29
Catalog # ASM10314

Specification

REEP1/2 Antibody - Product Information

Application **ICC/IF, WB**
Primary Accession [Q8VCD6](#)
Other Accession [NP_001191843.1](#)
Host **Mouse**
Isotype **IgG1**
Reactivity **Human, Mouse, Rat**
Clonality **Monoclonal**
Description
Mouse Anti-Mouse REEP1/2 Monoclonal IgG1

Target/Specificity
Detects ~30kDa. Cross-reacts with REEP1.

Other Names
Receptor expression-enhancing protein 2
Antibody, C5orf19 Antibody, SGC32445
Antibody, LOC682105 Antibody

Immunogen
Fusion protein amino acids 111-254
(Cytoplasmic C-terminus) of mouse REEP2.

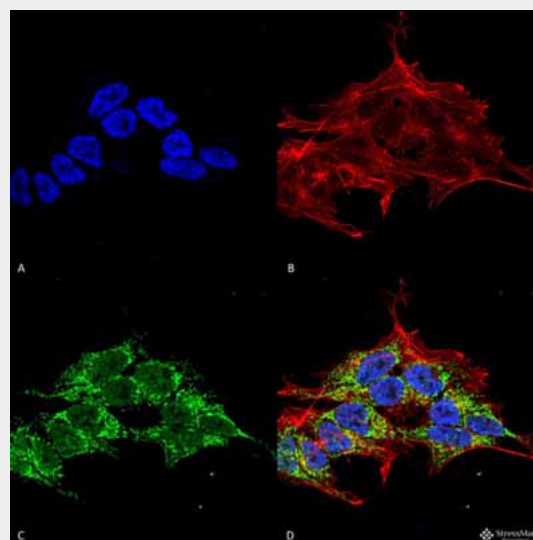
Purification
Protein G Purified

Storage **-20°C**
Storage Buffer
PBS pH7.4, 50% glycerol, 0.1% sodium azide

Shipping **Blue Ice or 4°C**
Temperature

Certificate of Analysis
A 1:100 dilution of SMC-482 was sufficient for detection of REEP1/2 in 20 µg of mouse brain lysate by ECL immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.

Cellular Localization
Mitochondrion | Mitochondrion Membrane |
Endoplasmic Reticulum | Endoplasmic Reticulum Membrane

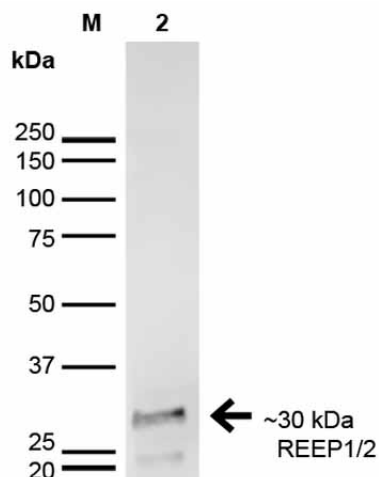


Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-REEP1/2 Monoclonal Antibody, Clone S326D-29 (ASM10314). Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-REEP1/2 Monoclonal Antibody (ASM10314) at 1:50 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000; 1:5000 for 60 min RT, 5 min RT. Localization: Mitochondrion, Mitochondrion Membrane, Endoplasmic Reticulum, Endoplasmic Reticulum Membrane. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) REEP1/2 Antibody (D) Composite.

REEP1/2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



Western Blot analysis of Rat Brain showing detection of ~30 kDa REEP1-2 protein using Mouse Anti-REEP1-2 Monoclonal Antibody, Clone S326D-29 (ASM10314). Lane 1: MW Ladder. Lane 2: Rat Brain. Load: 20 μ g. Block: 2% GE Healthcare Blocker for 1 hour at RT. Primary Antibody: Mouse Anti-REEP1-2 Monoclonal Antibody (ASM10314) at 1:1000 for 16 hours at 4°C. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:200 for 1 hour at RT. Color Development: ECL solution for 6 min at RT. Predicted/Observed Size: ~30 kDa. Other Band(s): ~22 kDa.

REEP1/2 Antibody - References

1. Hurt C.M., et al. (2014) Brain Res. 1545: 12-22.