

Product Datasheet

SHANK1/SHANK3 antibody (orb150831)

Description

Mouse monoclonal to SHANK1 (Biotin).

Species/Host

Mouse

Reactivity

Human, Mouse, Rat

Conjugation

Biotin

Tested

ICC, IHC, WB

Applications
Immunogen

Fusion protein amino acids 538-626 (SH3 domain) of rat SHANK3. Mouse: 100% identity (89/89 amino acids identical). Human: 97% identity (87/89 amino acids identical). ~70% identity with SHANK1 and SHANK2.

Target

SHANK3

Preservatives

PBS pH 7.4, 50% glycerol, 0.1% sodium azide *Storage buffer may change when conjugated

Concentration

1 mg/ml

Storage

Conjugated antibodies should be stored at 4°C

Note

For research use only

Application notes

1 µg/ml of SMC-460 was sufficient for detection of SHANK1/SHANK3 in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.

Isotype

IgG2a

Clonality

Monoclonal

MW

190kDa

Uniprot ID

[Q9JLU4](#)

NCBI

[NP_067708.1](#)

Entrez

[59312](#)

Dilution Range

WB (1:1000), ICC/IF (1:100)

Expiration Date

12 months from date of receipt.