

bsm-2069M

[Primary Antibody]

Ketamine(4E2) Mouse mAb



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— DATASHEET —

Host: Mouse

Isotype: IgG1

Clonality: Monoclonal

CloneNo.: 4E2

Target: Ketamine(4E2)

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: Size : 50ul/100ul/200ul
0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Size : 200ug (PBS only)
0.01M PBS
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Ketamine is a drug used in human and veterinary medicine. Its hydrochloride salt is sold as Ketanest, Ketaset, and Ketalar. Pharmacologically, ketamine is classified as an NMDA receptor antagonist.[2] At high, fully anesthetic level doses, ketamine has also been found to bind to opioid Mu receptors and sigma receptors.[3][4] Like other drugs of this class such as tiletamine and phencyclidine (PCP), it induces a state referred to as "dissociative anesthesia"[5] and is used as a recreational drug.

Applications: ELISA (1:5000-10000)

Reactivity: Species independent

Predicted MW.: 0.27419 kDa