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## Ketamine(4E2) Mouse mAb

Catalog Number: bsm-2069M

Target Protein: Ketamine(4E2)

Concentration: 1mg/ml

Form: Size : 50ul/100ul/200ul

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 4E2

Isotype: IgG1

Applications: ELISA (1:5000-10000)

Reactivity: (predicted:Ketamine)

Predicted MW: 0.27419 kDa

Purification: affinity purified by Protein A

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.