

Corticotropin-releasing factor receptor 1 Antibody

Mouse Monoclonal Antibody [Clone CRHR1/14198]

Catalog No	Format	Size
1394-MSM12-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1394-MSM12-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1394-MSM12-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunofluorescence (IF)	1-3ug/ml	

Product Details	
Clone	CRHR1/14198
Immunogen	Recombinant fragment (around aa 24-117) of human CRHR1 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	47.67kDa
Cellular Localization	Cell membrane, Endosome
Species Reactivity	Human
Positive Control	Predominantly expressed in the cerebellum, pituitary, cerebral cortex and olfactory lobe

*Optimal dilution for a specific application should be determined.

Product Images for Corticotropin-releasing factor receptor 1 Antibody

Specificity & Comments

G-protein coupled receptor for CRH (corticotropin-releasing factor) and UCN (urocortin). Has high affinity for CRH and UCN. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and down-stream effectors, such as adenylate cyclase. Promotes the activation of adenylate cyclase, leading to increased intracellular cAMP levels. Inhibits the activity of the calcium channel CACNA1H. Required for normal embryonic development of the adrenal gland and for normal hormonal responses to stress. Plays a role in the response to anxiogenic stimuli.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.