Recombinant Synaptic Vesicle Protein 2 (SV2) (Marker of Neuroendocrine Cells) Antibody

Rabbit Monoclonal Antibody [Clone SV2/9844R]

Catalog No	Format	Size
9900-RBM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
9900-RBM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
9900-RBM1-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	SV2/9844R
Immunogen	Recombinant fragment corresponding to the n-terminal cytoplasmic domain of the human Synaptic Vesicle Protein 2 (SV2) protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	82.69kDa
Cellular Localization	Cytoplasmic vesicle, Presynapse, Secretory vesicle, Synaptic vesicle membrane
Species Reactivity	Human

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Synaptic Vesicle Protein 2 (SV2) (Marker of Neuroendocrine Cells) Antibody

Specificity & Comments

Plays a role in the control of regulated secretion in neural and endocrine cells, enhancing selectively low-frequency neurotransmission. Positively regulates vesicle fusion by maintaining the readily releasable pool of secretory vesicles (By similarity)., (Microbial infection) Receptor for the C.botulinum neurotoxin type A2 (BoNT/A, botA); glycosylation is not essential but enhances the interaction (PubMed:29649119). Probably also serves as a receptor for the closely related C.botulinum neurotoxin type A1.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. 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.