

Short transient receptor potential channel 6 Antibody

Mouse Monoclonal Antibody [Clone BICCN-TRPC6-1F3]

Catalog No	Format	Size
7225-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7225-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7225-MSM3-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

Product Details	
Clone	BICCN-TRPC6-1F3
Immunogen	Recombinant fragment (around aa 794-928) of human TRPC6 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	106.33kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	Expressed primarily in placenta, lung, spleen, ovary and small intestine

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

Product Images for Short transient receptor potential channel 6 Antibody

Specificity & Comments

Forms a receptor-activated non-selective calcium permeant cation channel (PubMed:19936226, PubMed:23291369, PubMed:26892346, PubMed:9930701). Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Activated by diacylglycerol (DAG) in a membrane-delimited fashion, independently of protein kinase C (PubMed:26892346). Seems not to be activated by intracellular calcium store depletion.

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.