

Zinc finger protein ZIC 1 Antibody

Mouse Monoclonal Antibody [Clone PCRP-ZIC1-1E3]

Catalog No	Format	Size
7545-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7545-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7545-MSM1-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	PCRP-ZIC1-1E3
Immunogen	Recombinant human ZIC1 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2 / Kappa
Mol. Weight of Antigen	48.31kDa
Cellular Localization	Cytoplasm, Nucleus
Species Reactivity	Human
Positive Control	CNS

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

Product Images for Zinc finger protein ZIC 1 Antibody

Specificity & Comments

Acts as a transcriptional activator. Involved in neurogenesis. Plays important roles in the early stage of organogenesis of the CNS, as well as during dorsal spinal cord development and maturation of the cerebellum. Involved in the spatial distribution of mossy fiber (MF) neurons within the pontine gray nucleus (PGN). Plays a role in the regulation of MF axon pathway choice. Promotes MF migration towards ipsilaterally-located cerebellar territories. May have a role in shear flow mechanotransduction in osteocytes. Retains nuclear GLI1 and GLI3 in the cytoplasm. Binds to the minimal GLI-consensus sequence 5'-TGGGTGGTC-3' (By similarity).

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A. 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.