

Chromobox protein homolog 1 Antibody

Mouse Monoclonal Antibody [Clone PCRP-CBX1-1A4]

Catalog No	Format	Size
10951-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
10951-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
10951-MSM1-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
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	PCRP-CBX1-1A4
Immunogen	Recombinant full-length human CBX1 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG
Mol. Weight of Antigen	21.42kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Expressed in all adult and embryonic tissues

*Optimal dilution for a specific application should be determined.

Product Images for Chromobox protein homolog 1 Antibody

Specificity & Comments

Component of heterochromatin. Recognizes and binds histone H3 tails methylated at 'Lys-9', leading to epigenetic repression. Interaction with lamin B receptor (LBR) can contribute to the association of the heterochromatin with the inner nuclear membrane.

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.