

FOXB1 (Transcription Factor) Antibody

Mouse Monoclonal Antibody [Clone PCRP-FOXB1-1B7]

Catalog No	Format	Size
27023-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
27023-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
27023-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

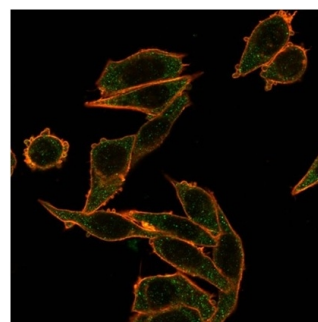
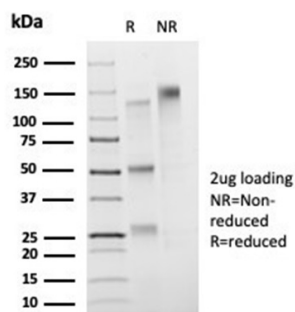
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details

Clone	PCRP-FOXB1-1B7
Gene Name	FOXB1
Immunogen	Recombinant full-length human FOXB1protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1
Mol. Weight of Antigen	35kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	HeLa or HepG2 cells.

*Optimal dilution for a specific application should be determined.

Product Images for FOXB1 (Transcription Factor) Antibody

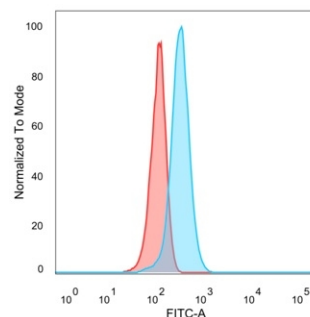


SDS-PAGE Analysis Purified FOXB1Mouse Monoclonal Antibody (PCRP-FOXB1-1B7). Confirmation of Purity and Integrity of Antibody.

SDS-PAGE Analysis of Purified FOXB1Mouse Monoclonal Antibody (PCRP-FOXB1-1B7). Confirmation of Purity and Integrity of Antibody.



Immunofluorescence Analysis of PFA-fixed HeLa cells stained using FOXB1Mouse Monoclonal Antibody (PCRP-FOXB1-1B7)



Flow cytometric analysis of PFA-fixed HeLa cells. FOXB1Mouse Monoclonal Antibody (PCRP-FOXB1-1B7) followed by goat anti-mouse IgG-CF488 (blue); isotype control (red).

Specificity & Comments

The Forkhead-box (FOX) genes comprise a superfamily of at least 43 members that encode proteins which are involved in transcriptional regulation and may be associated with the pathogenesis of various cancers. FOXB1 (forkhead box B1), also known as FKH5 or HFKH-5, and FOXB2 (forkhead box B2) are members of the FOX family and each contain one forkhead DNA-binding domain. Both FOXB1 and FOXB2 localize to the nucleus where they are thought to function as transcription factors that can bind to DNA via their forkhead domains. In mice, defects in the gene encoding FOXB1 are associated with retarded development of the central nervous system (CNS), suggesting that FOXB1 may play a role in CNS organization and function.

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.

Supplied As

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

Research Areas

Mitochondria Marker