

Transcription factor E2F6 Antibody

Mouse Monoclonal Antibody [Clone PCRP-E2F6-1F6]

Catalog No	Format	Size
1876-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1876-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1876-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	
Immunofluorescence (IF)	1-3ug/ml	

Product Details	
Clone	PCRP-E2F6-1F6
Immunogen	Recombinant human E2F6 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG
Mol. Weight of Antigen	31.84kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Expressed in all tissues examined

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

Product Images for Transcription factor E2F6 Antibody

Specificity & Comments

Inhibitor of E2F-dependent transcription (PubMed:9501179, PubMed:9689056, PubMed:9704927). Binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3' (PubMed:9501179). Has a preference for the 5'-TTTCCCGC-3' E2F recognition site (PubMed:9501179). E2F6 lacks the transcriptional activation and pocket protein binding domains (PubMed:9501179, PubMed:9704927). Appears to regulate a subset of E2F-dependent genes whose products are required for entry into the cell cycle but not for normal cell cycle progression (PubMed:9501179, PubMed:9689056). Represses expression of some meiosis-specific genes, including SLC25A31/ANT4 (By similarity). May silence expression via the recruitment of a chromatin remodeling complex containing histone H3-K9 methyltransferase activity. Overexpression delays the exit of cells from the S-phase (PubMed:9501179).

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.