

Mouse anti-Human E2F6 Monoclonal Antibody | anti-E2F6 antibody

E2F6 Mouse Monoclonal Antibody [Clone PCRP-E2F6-1F8]

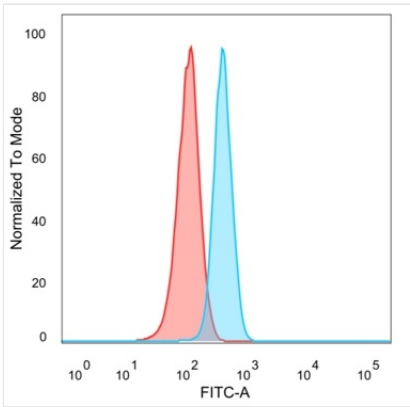
CATALOG # AAA215604	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

E2F6; Monoclonal Antibody; E2F6 Mouse Monoclonal Antibody [Clone PCRP-E2F6-1F8]; EMA; MGC111545; anti-E2F6 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2b, kappa
Clone Number	PCRP-E2F6-1F8
Form/Format	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.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-E2F6 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human E2F6 protein
Cellular Localization	Nucleus
Positive Control	HeLa or Jurkat cells.
Hu-chromosome Location	2p25.1
Unigene	603093
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.



FCM/FACS (Flow Cytometry)
Flow Cytometric Analysis of PFA-fixed HeLa cells. E2F6 Mouse Monoclonal Antibody (PCRP-E2F6-1F8) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

ADDITIONAL INFORMATION

Related Product Information for anti-E2F6 antibody	The human retinoblastoma gene product appears to play an important role in the negative regulation of cell proliferation. Functional inactivation of Rb can be mediated either through mutation or as a consequence of interaction with DNA tumor virus encoded proteins. Of all the Rb associations described to date, the identification of a complex between Rb and the transcription factor E2F most directly implicates Rb in regulation of cell proliferation. E2F was originally identified through its role in transcriptional activation of the adenovirus E2 promoter. Sequences homologous to the E2F binding site have been found upstream of a number of genes that encode proteins with putative functions in the G1and S phases of the cell cycle. E2F-1 is a member of a broader family of transcriptional regulators including E2F-2, E2F-3, E2F-4, E2F-5 and E2F-6, each of which forms heterodimers with a second protein, DP-1, forming an active E2F transcriptional regulatory complex.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	109637795
NCBI GeneID	1876
NCBI Accession #	NP_937987.2
NCBI GenBank Nucleotide #	NM_198256.3
UniProt Accession #	O75461; O60544; Q53QY9; Q7Z2H6; A8K2Z8
Molecular Weight	31,844 Da
NCBI Official Full Name	transcription factor E2F6 isoform 1
NCBI Official Synonym Full Names	E2F transcription factor 6
NCBI Official Symbol	E2F6
NCBI Official Synonym Symbols	E2F-6
NCBI Protein Information	transcription factor E2F6
UniProt Protein Name	Transcription factor E2F6
UniProt Gene Name	E2F6
UniProt Synonym Gene Names	E2F-6
UniProt Entry Name	E2F6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/e2f6-antibody-clone-pcrp-e2f6-1f8-immunofluorescence-flow-cytometry-elisa/215604>