

Mouse anti-Human E4F1 Monoclonal Antibody | anti-E4F1 antibody

E4F1 Mouse Monoclonal Antibody [Clone PCRP-E4F1-2D1]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215605	Mouse	Human	Immunofluorescence, Flow Cytometry, Functional Assay

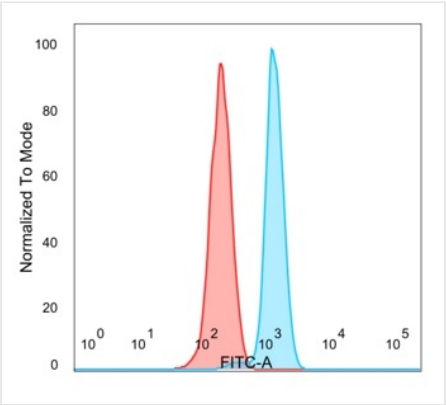
PRODUCT SYNONYMS

E4F1; Monoclonal Antibody; E4F1 Mouse Monoclonal Antibody [Clone PCRP-E4F1-2D1]; E4F transcription factor 1; isoform CRA_b; P120E4F transcription factor; p50E4F; Putative E3 ubiquitin-protein ligase E4F1; RING type E3 ubiquitin transferase E4F1; Transcription factor E4F1; anti-E4F1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG1
Clone Number	PCRP-E4F1-2D1
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-E4F1 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human E4F1 protein
Cellular Localization	Nucleus
Positive Control	HeLa, Jurkat or MCF7 cells.
Hu-chromosome Location	16p13.3
Unigene	513268
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.

IMAGES



FCM/FACS (Flow Cytometry)
Flow Cytometric Analysis of PFA-fixed HeLa cells. E4F1 Mouse Monoclonal Antibody (PCRP-E4F1-2D1) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

ADDITIONAL INFORMATION

Related Product Information for anti-E4F1 antibody	E4F1 (E4F transcription factor 1), also known as E4F, is a 784 amino acid protein that localizes to both the nucleus and the cytoplasm and contains 9 C2H2-type zinc fingers. Expressed ubiquitously in adult and fetal tissues, E4F1 exists as a homodimer that binds DNA and is thought to act as a transcriptional repressor and may also play a role in cell survival and growth via cell cycle control. Additionally, E4F1 is thought to function as a ubiquitin ligase that mediates the ubiquitination (and subsequent degradation) of target proteins and may be involved in the p53 tumor suppressor pathway. E4F1, which may be post-translationally phosphorylated or sumoylated, is subject to proteolytic cleavage which results in the creation of a short peptide with specific DNA binding capabilities.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	571026674
NCBI GeneID	1877
NCBI Accession #	NP_001275705.1
NCBI GenBank Nucleotide #	NM_001288776.1
UniProt Accession #	Q66K89; O00146; A8K2R4
Molecular Weight	83,496 Da
NCBI Official Full Name	transcription factor E4F1 isoform 2
NCBI Official Synonym Full Names	E4F transcription factor 1
NCBI Official Symbol	E4F1
NCBI Official Synonym Symbols	E4F
NCBI Protein Information	transcription factor E4F1; p50E4F; p120E4F; putative E3 ubiquitin-protein ligase E4F1
UniProt Protein Name	Transcription factor E4F1
UniProt Gene Name	E4F1
UniProt Synonym Gene Names	E4F
UniProt Entry Name	E4F1_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.

