E2F7 Monoclonal Antibody

Catalog No	YP-mAb-06545
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	E2F7
Protein Name	Transcription factor E2F7 (E2F-7)
Immunogen	Synthesized peptide derived from human protein . at AA range: 560-640
Specificity	E2F7 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	100kD
Cell Pathway	Nucleus .
Tissue Specificity	
Function	domain:Both DNA-binding domains are required for DNA-binding and are proposed to form an intramolecular structure that is similar to the winged helix structure of the E2F-DP heterodimer.,function:Along with E2F8, inhibitor of E2F-dependent transcription that is important for the control of the E2F1-TP53 apoptotic pathway. Directly represses E2F1 transcription (By similarity). Binds DNA independently of DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3'. Appears to regulate a subset of E2F-dependent genes whose products are required for normal cell cycle progession.,similarity:Belongs to the E2F/DP family.,subunit:Forms homodimers and, to a lesser extent, heterodimers with E2F8. Dimerization is important for DNA binding.,
Background	E2F transcription factors, such as E2F7, play an essential role in the regulation of cell cycle progression (Di Stefano et al., 2003 [PubMed 14633988]).[supplied by OMIM, May 2008],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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