



# E2F7 Monoclonal Antibody

Catalog No	BYmab-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 1:500-2000
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 progression.,similarity:Belongs to the E2F/DP family.,subunit:Forms homodimers and, to a lesser extent, heterodimers with E2F8. Dimerization is important for DNA binding.,

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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.

## Products Images