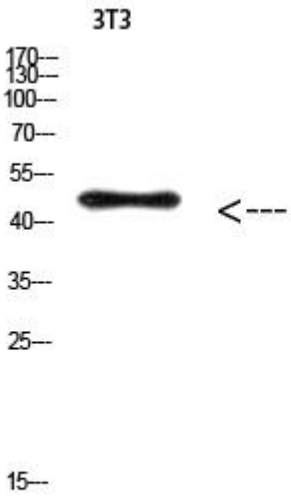
E2F-3 (Acetyl Lys168) Monoclonal Antibody

Catalog No	BYmab-04407
Isotype	IgG
Reactivity	Human:K168;Mouse:K160;Rat:K161
Applications	WB
Gene Name	E2F3 KIAA0075
Protein Name	E2F transcription factor 3
Immunogen	Synthesized acetyl-peptide from human protein at AA range: 130-200
Specificity	This antibody detects endogenous levels of E2F-3 at Human:K168;Mouse:K160;Rat:K161, It doesn't reacte with total protein.
Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
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	E2F3 KIAA0075
Observed Band	50kD
Cell Pathway	Nucleus.
Tissue Specificity	Bone marrow,PCR rescued clones,Placenta,Pre-B cell,Rectum tumor,Uterus,
Function	function:Transcription activator that binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3' found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DRTF1/E2F complex functions in the control of cell-cycle progression from G1 to S phase. E2F-3 binds specifically to RB1 protein, in a cell-cycle dependent manner.,similarity:Belongs to the E2F/DP family.,subunit:Component of the DRTF1/E2F transcription factor complex. Binds cooperatively with DP-1 to E2F sites. Interacts with retinoblastoma protein RB1 and related proteins (such as RBL1) that inhibit the E2F transactivation domain. Binds EAPP.,

Background	This gene encodes a member of a small family of transcription factors that function through binding of DP interaction partner proteins. The encoded protein recognizes a specific sequence motif in DNA and interacts directly with the retinoblastoma protein (pRB) to regulate the expression of genes involved in the cell cycle. Altered copy number and activity of this gene have been observed in a number of human cancers. There are pseudogenes for this gene on chromosomes 2 and 17. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013],
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



Western Blot analysis of various cells using E2F-3 (Acetyl Lys168) Monoclonal Antibody