

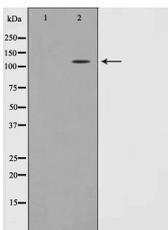
## Phospho-Retinoblastoma(Thr826) Ab

Cat.#: AF0030  
Size: 100ul,200ul

Concn.: 1mg/ml  
Source: Rabbit

Mol.Wt.: 110kDa  
Clonality: Polyclonal

Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Specificity:	Phospho-Retinoblastoma(Thr826) Ab detects endogenous levels of Retinoblastoma only when phosphorylated at Threonine 826.
Immunogen:	A synthesized peptide derived from human Retinoblastoma around the phosphorylation site of Thr826.
Uniprot:	P06400
Description:	Retinoblastoma (RB) is an embryonic malignant neoplasm of retinal origin. It almost always presents in early childhood and is often bilateral. Spontaneous regression ('cure') occurs in some cases.
Subcellular Location:	Nucleus.
Tissue Specificity:	Expressed in the retina.
Similarity:	The Pocket domain binds to the threonine-phosphorylated domain C, thereby preventing interaction with heterodimeric E2F/DP transcription factor complexes.Belongs to the retinoblastoma protein (RB) family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis on MOLT cell lysates using Phospho-Retinoblastoma(Thr826) Ab.The lane on the left was treated with the antigen-specific peptide.



AF0030 staining MCF-7 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab(Red), diluted at 1/600, was used as secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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