

Product datasheet for **TA805640**

Rb (RB1) Mouse Monoclonal Antibody [Clone ID: OTI13A6]

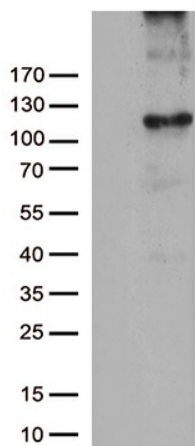
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI13A6
Applications:	IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 309-590 of human RB1(NP_000312) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	RB transcriptional corepressor 1
Database Link:	NP_000312 Entrez Gene 19645 Mouse Entrez Gene 24708 Rat Entrez Gene 5925 Human P06400
Synonyms:	OSRC; p105-Rb; pp110; PPP1R130; pRb; RB
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Bladder cancer, Cell cycle, Chronic myeloid leukemia, Glioma, Melanoma, Non-small cell lung cancer, Pancreatic cancer, Pathways in cancer, Prostate cancer, Small cell lung cancer

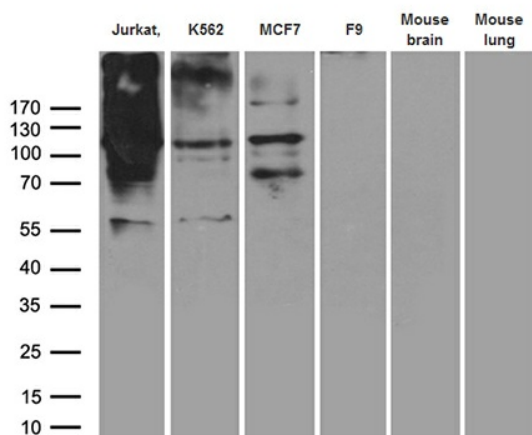


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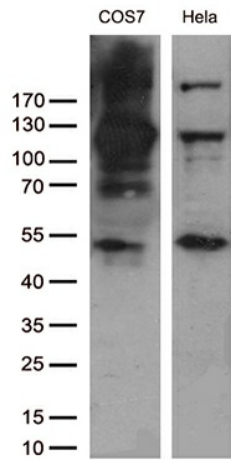
Product images:



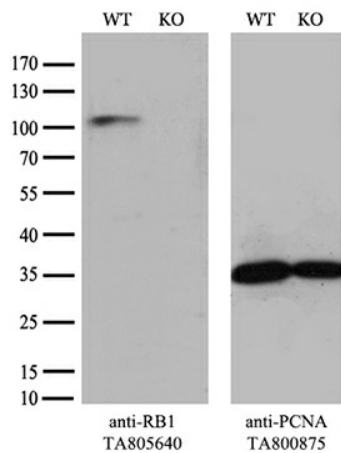
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RB1 ([RC206933], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RB1 mouse monoclonal antibody.1:500`



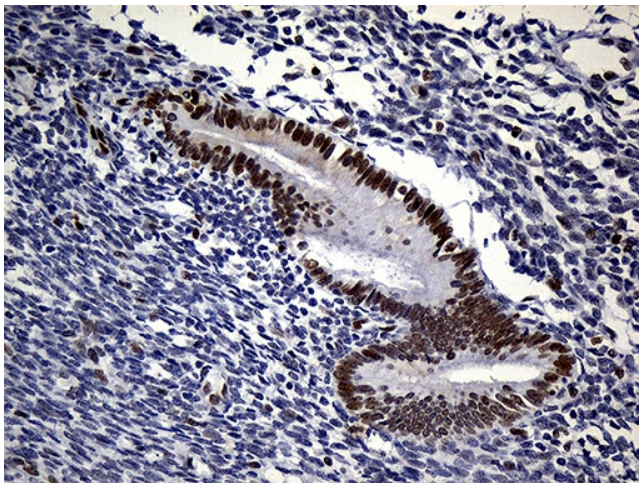
Western blot analysis of extracts (35ug) from 4 different cell lines and 2 different tissue lysates by using anti-RB1 monoclonal antibody (1:500).



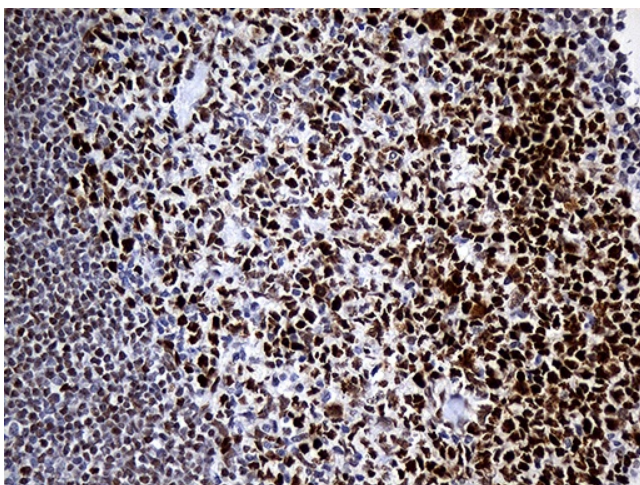
Western blot analysis of extracts (35ug) from 2 different cell lines by using anti-RB1 monoclonal antibody. 1:400



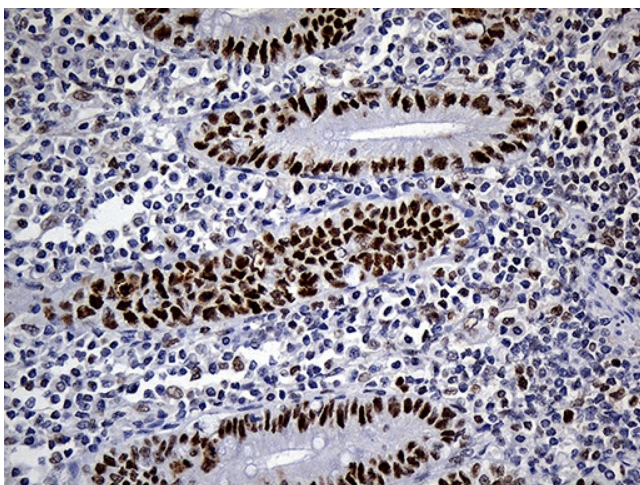
Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and RB1-Knockout HeLa cells (KO, Cat# [LC810199]) were separated by SDS-PAGE and immunoblotted with anti-RB1 monoclonal antibody TA805640 (1:250). Then the blotted membrane was stripped and reprobed with anti-PCNA antibody as a loading control.



Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-RB1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-RB1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human appendix tissue within the normal limits using anti-RB1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.