



Mouse anti-Human RBL1 monoclonal antibody, clone LBC7 (CABT-B9517)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	GST fusion protein to the N terminus of p107.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Mouse, Rat
Clone	LBC7
Purification	Protein A/G
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	PBS
Preservative	0.08% sodium azide
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction	The protein encoded by this gene is similar in sequence and possibly function to the product of the retinoblastoma 1 (RB1) gene. The RB1 gene product is a tumor suppressor protein that
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appears to be involved in cell cycle regulation, as it is phosphorylated in the S to M phase transition and is dephosphorylated in the G1 phase of the cell cycle. Both the RB1 protein and the product of this gene can form a complex with adenovirus E1A protein and SV40 large T-antigen, with the SV40 large T-antigen binding only to the unphosphorylated form of each protein. In addition, both proteins can inhibit the transcription of cell cycle genes containing E2F binding sites in their promoters. Due to the sequence and biochemical similarities with the RB1 protein, it is thought that the protein encoded by this gene may also be a tumor suppressor. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Keywords	RBL1; retinoblastoma-like 1; PRB1; p107; CP107; retinoblastoma-like protein 1; cellular protein 107; retinoblastoma-like 1 (p107); 107 kDa retinoblastoma-associated protein;
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GENE INFORMATION

Entrez Gene ID	5933
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UniProt ID	P28749
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