

## Product datasheet for **AM05250PU-N**

### **RBL1 Mouse Monoclonal Antibody [Clone ID: KAB6]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	KAB6
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	Suitable for Western Blots at 1/1000.
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	GST fusion protein to the N terminus of p107.
<b>Specificity:</b>	KAB6 recognizes both the phosphorylated and unphosphorylated forms of p107 at a MW of 107 kDa.
<b>Formulation:</b>	PBS containing 0.08% Sodium Azide as preservative. State: Purified State: Liquid (sterile filtered) purified IgG fraction.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Protein A/G chromatography (> 95 % by SDS-PAGE).
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody at -20°C. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: One year from despatch.
<b>Gene Name:</b>	RB transcriptional corepressor like 1
<b>Database Link:</b>	<a href="#">Entrez Gene 5933 Human P28749</a>



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**Background:**

P107 is related both in structure and function to the retinoblastoma tumor suppressor protein and p130 (collectively known as pocket proteins) and are known to regulate the activity of E2F transcription factors. E2F transcription factors regulate the expression of a number of genes important in cell proliferation, particularly those involved in the progression through G1 and into the S-phase of the cell cycle. Binding of p107 converts E2F transcription factors from transcriptional activators to transcriptional repressors.

**Synonyms:**

Retinoblastoma-like protein 1, 107 kDa retinoblastoma-associated protein, p107, pRb1

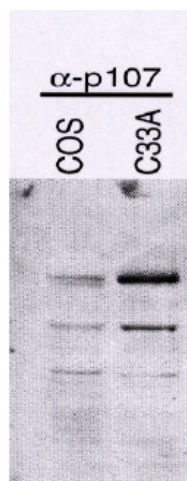
**Product images:**

Figure 1. Western Blot analysis of AM05250PU-N antibody.