

## Product datasheet for **AM33358PU-S**

### **c-Myb (MYB) Mouse Monoclonal Antibody [Clone ID: MYB286]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	MYB286
Applications:	FC, IF, IP, WB
Recommended Dilution:	<b>ELISA:</b> Use BSA free Antibody for coating. <b>Flow Cytometry:</b> 0.5-1 µg/million cells. <b>Immunofluorescence:</b> 1-2 µg/ml. <b>Western Blotting:</b> 0.5-1 µg/ml. <b>Immunoprecipitation:</b> 1-2 µg/500 µg protein lysate. <b>Positive Control:</b> Jurkat, MOLT-4, COLO or BT-20 cells. Colon or breast carcinomas.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	A synthetic peptide, corresponding to aa 119-135 (RRKVEQEGYPQESSKAG) of c-Myb oncoprotein, coupled to KLH.
Specificity:	Recognizes c-Myb Oncoprotein. <b>Cellular Localization:</b> Nuclear.
Formulation:	10mM PBS State: Purified State: Liquid purified IgG fraction from Bioreactor Concentrate Stabilizer: 0.05% BSA Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Protein A/G Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~75 kDa



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**Gene Name:** MYB proto-oncogene, transcription factor

**Database Link:** [Entrez Gene 4602 Human P10242](#)

**Background:** The highly leukemogenic avian retrovirus E26 contains two oncogenes, v-Myb and v-Ets, which are expressed together as a fusion protein. The cellular homolog of v-Myb, designated c-Myb, encodes a transcription factor. Deletion or disruption of a negative regulatory domain mapping within the carboxy-terminal domain of c-Myb results in enhanced transactivating capacity and in parallel, leads to activation of its ability to transform hemopoietic cells. c-Myb is expressed preferentially, but not exclusively, in immature hemopoietic cells and its expression decreases as cells differentiate.

**Synonyms:** c-Myb