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Research Use Only. Not for diagnostic or therapeutic use.

EB07870 - Goat Anti-c-Myb (aa281-294) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: c-myb, MYB, v-myb myeloblastosis viral oncogene homolog (avian), c-myb_CDS, efg, Avian myeloblastosis viral (v-myb) oncogene homolog, c-myb protein (140 AA), c-myb10A_CDS, c-myb13A_CDS, c-myb14A_CDS, c-myb8B_CDS, v-myb avian myeloblastosis viral oncogene homolog, v-myb myeloblastosis viral oncogene homolog

Official Symbol: MYB

Accession Number(s): NP_001123645.1; NP_005366.2; NP_001123644.1; NP_001155128.1; NP_001155129.1; NP_001155130.1; NP_001155131.1

Human GenelD(s): 4602

Non-Human GenelD(s): 17863 (mouse)

Important Comments: This antibody is expected to recognize isoforms 1-7 only (Numbering from NCBI RefSeq). (NP_001123645.1; NP_005366.2; NP_001123644.1;

NP_001155128.1; NP_001155129.1; NP_001155130.1; NP_001155131.1)

Immunogen

Peptide with sequence C-QRHYNDEDPEKEKR, from the internal region of the protein sequence according to NP_001123645.1; NP_005366.2; NP_001123644.1; NP_001155128.1; NP_001155129.1; NP_001155130.1; NP_001155131.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:4000.

Western blot: Approx 70kDa band observed in lysates of cell line MOLT4 and in preliminary testing of Human Bone Marrow and Lymph Node lysate (calculated MW of 72.3kDa according to NP_005366.2). Recommended concentration: 1-3μg/ml. IHC: Paraffin embedded Human Kidney. Recommended concentration: 4μg/ml.

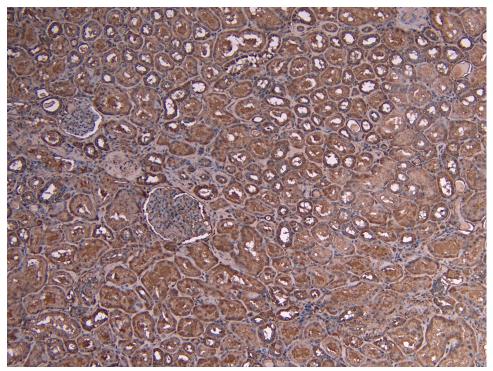
Species Reactivity

Tested: Human

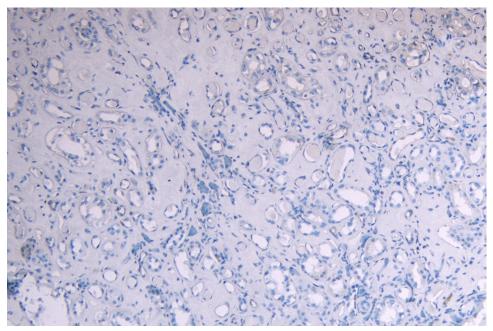
Expected from sequence similarity: Human, Mouse, Rat, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB07870 (2µg/ml) staining of MOLT4 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB07870 (4µg/ml) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB07870 Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.