

Anti-GM-CSFR alpha Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse (predicted:Rat)
Molecular Weight:	Theoretical: 38 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Paraformaldehyde-fixed, paraffin embedded (Human Melanocytoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (GM-CSFR alpha) Polyclonal Antibody, Unconjugated (TMAB-06597) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p> <p>2. Tissue/cell: human colon carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-GM-CSFR alpha/CD116 Polyclonal Antibody, Unconjugated (TMAB-06597) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining</p> <p>3. Tissue/cell: mouse intestine tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-GM-CSFR alpha/CD116 Polyclonal Antibody, Unconjugated (TMAB-06597) 1: 200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated used at 1: 200 dilution for 40 minutes at 37°C. DAPI (5 µg/ml, blue) was used to stain the cell nuclei</p>
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: mouse GM-CSFR alpha
Antigen Species: Mouse
Gene ID: 12982
Uniprot ID: Q00941

Research Background

The protein encoded by this gene is the alpha subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. The encoded protein is a member of the cytokine family of receptors. This gene is found in the pseudoautosomal region (PAR) of the X and Y chromosomes. Multiple transcript variants encoding different isoforms have been found for this gene, with some of the isoforms being membrane-bound and others being soluble. [provided by RefSeq].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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