




## Rabbit Anti-Thrombopoietin antibody

SL10407R

<b>Product Name:</b>	Thrombopoietin
<b>Chinese Name:</b>	血小板生成素/巨核细胞集落刺激因子抗体
<b>Alias:</b>	c mpl ligand; C-mpl ligand; Megakaryocyte Colony Stimulating Factor; Megakaryocyte colony-stimulating factor; Megakaryocyte growth and development factor; Megakaryocyte stimulating factor; MGDF; MKCSF; ML; MPL ligand; MPLLG; Myeloproliferative Leukemia Virus Oncogene Ligand; THPO; Thrombopoietin; Thrombopoietin nirs variant 1; TPO; TPO HUMAN.
<b>文献引用</b>  :	<b>Specific References(1)</b> SL10407R has been referenced in 1 publications. <b>[IF=12.52]</b> Nakamura-Ishizu, Ayako, et al. "CLEC-2 in megakaryocytes is critical for maintenance of hematopoietic stem cells in the bone marrow." The Journal of experimental medicine (2015): jem-20150057. <b>IHC-F;Mouse.</b> <a href="#">PubMed:26552707</a>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Cow,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	37kDa
<b>Cellular localization:</b>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Thrombopoietin:21-120/353
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>Megakaryocytopoiesis is the cellular development process that leads to platelet production. The protein encoded by this gene is a humoral growth factor that is necessary for megakaryocyte proliferation and maturation, as well as for thrombopoiesis. This protein is the ligand for MLP/C_MPL, the product of myeloproliferative leukemia virus oncogene. Mutations in this gene are the cause of thrombocythemia 1. Alternate splicing results in multiple transcript variants of this gene.[provided by RefSeq, Jun 2012].</p> <p><b>Function:</b> Lineage-specific cytokine affecting the proliferation and maturation of megakaryocytes from their committed progenitor cells. It acts at a late stage of megakaryocyte development. It may be the major physiological regulator of circulating platelets.</p> <p><b>Subcellular Location:</b> Secreted.</p> <p><b>DISEASE:</b> Thrombocythemia 1 (THCYT1) [MIM:187950]: A myeloproliferative disorder characterized by excessive platelet production, resulting in increased numbers of circulating platelets. It can be associated with spontaneous hemorrhages and thrombotic episodes. Note=The disease is caused by mutations affecting the gene represented in this entry.</p> <p><b>Similarity:</b> Belongs to the EPO/TPO family.</p> <p><b>SWISS:</b> P40225</p> <p><b>Gene ID:</b> 7066</p> <p><b>Database links:</b></p> <p><a href="#">Entrez Gene: 7066</a>Human</p> <p><a href="#">Entrez Gene: 21832</a>Mouse</p> <p><a href="#">Entrez Gene: 81811</a>Rat</p> <p><a href="#">Omim: 600044</a>Human</p>

[SwissProt: P40225](#)Human

[SwissProt: P40226](#)Mouse

[SwissProt: P49745](#)Rat

[Unigene: 1166](#)Human

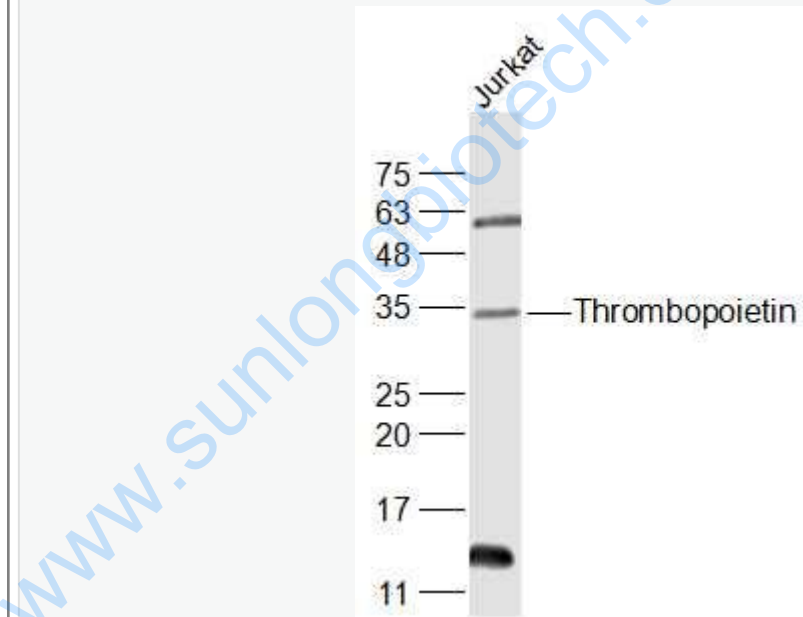
[Unigene: 3943](#)Mouse

[Unigene: 10576](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Picture:**



Sample:

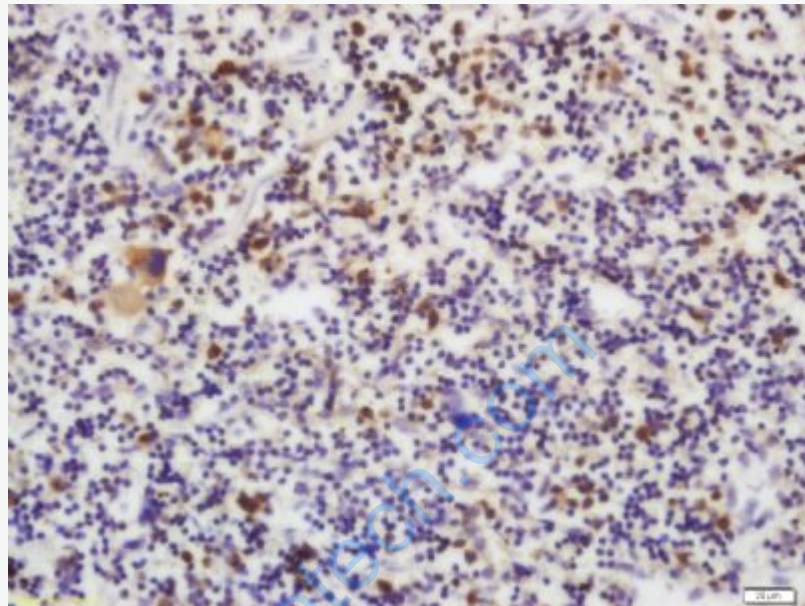
Jurkat(Human) Cell Lysate at 30 ug

Primary: Anti-Thrombopoietin (SL10407R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 37 kD

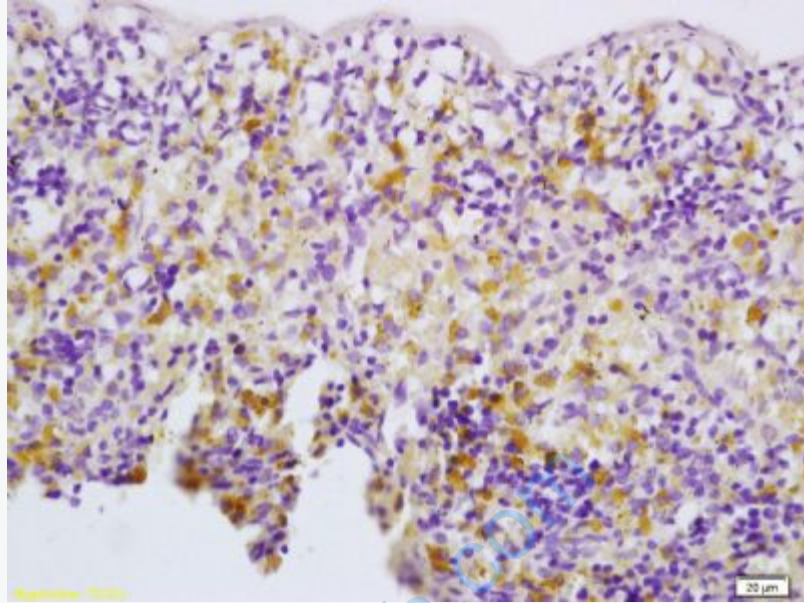
Observed band size: 35 kD



Tissue/cell: mouse spleen tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-Thrombopoietin Polyclonal Antibody, Unconjugated(SL10407R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: Rat Spleen; 4% Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;  
Incubation: Anti- Thrombopoietin, Unconjugated(SL10407R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining