




# Anti-Thrombopoietin antibody ab40664

## 1 References

### 概述

产品名称	Anti-Thrombopoietin抗体
描述	兔多克隆抗体to Thrombopoietin
宿主	Rabbit
特异性	Cross reactivity: Thrombopoietin Human (299-332) 100%; Thrombopoietin Human recombinant ~90% Does not cross react with Erythropoietin Human recombinant.
经测试应用	适用于: ICC/IF, IHC-P, WB
种属反应性	与反应: Human 预测可用于: Chimpanzee 
免疫原	Synthetic peptide: PPTGQYTLFP LPPTLPTPVV QLHPLLDPDS APTP conjugated to KLH, corresponding to amino acids 299-332 of Human Thrombopoietin Peptide available as <a href="#">ab93626</a> .  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Store at +4°C short term (1-2 weeks) (add antibacterial agent). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Constituent: Whole serum
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

### 应用

## The Abpromise guarantee

**Abpromise™**承诺保证使用ab40664于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. PubMed: 21149592
WB		Use at an assay dependent concentration. Predicted molecular weight: 37 kDa. With this antibody, we have found that blocking with 5% goat or donkey serum significantly reduces background as compared to BSA or milk.

## 靶标

功能	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.
疾病相关	Defects in THPO are a cause of essential thrombocythemia (ET) [MIM:187950]. ET is inherited as an autosomal dominant trait which is characterized by elevated platelet levels due to sustained proliferation of megakaryocytes, and frequently lead to thrombotic and haemorrhagic complications.
序列相似性	Belongs to the EPO/TPO family.
结构域	Two-domain structure with an erythropoietin-like N-terminal and a Ser/Pro/Thr-rich C-terminal.
细胞定位	Secreted.

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