

## Product datasheet for **AM06758PU-N**

### Thrombopoietin (THPO) Mouse Monoclonal Antibody [Clone ID: 1B11]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	1B11
Applications:	ELISA, FC, WB
Recommended Dilution:	<b>ELISA:</b> 1/10000. <b>Western Blot:</b> 1/500 - 1/2000. <b>Flow Cytometry:</b> 1/200 - 1/400.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human THPO expressed in E. Coli.
Specificity:	Recognizes Thrombopoietin (THPO).
Formulation:	State: Purified State: Liquid purified antibody Stabilizer: 0.5% protein stabilizer Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	37.8 kDa
Gene Name:	thrombopoietin
Database Link:	<a href="#">Entrez Gene 7066 Human P40225</a>



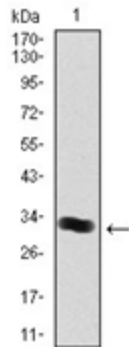
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**Background:**

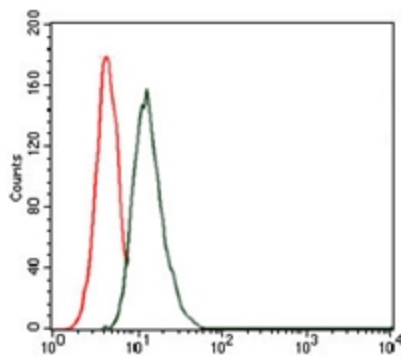
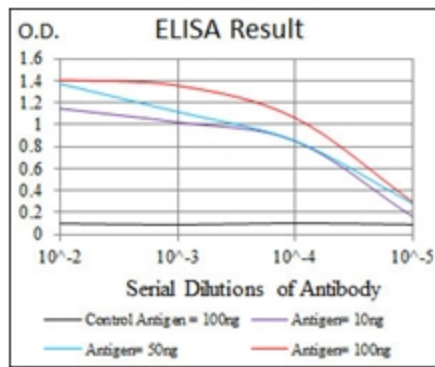
Megakaryocytopoiesis is the cellular development process that leads to platelet production. The protein encoded by this gene is a humoral growth factor that is necessary for megakaryocyte proliferation and maturation, as well as for thrombopoiesis. This protein is the ligand for MLP/C\_MPL, the product of myeloproliferative leukemia virus oncogene. Alternate splicing results in multiple transcript variants of this gene.

**Synonyms:**

THPO, MGDF, C-mpl ligand

**Product images:**


Western blot analysis using THPO antibody Cat.-No AM06758PU-N against human THPO (AA: 250-303) recombinant protein (Expected MW is 30 kDa)



Flow Cytometric analysis of MCF-7 cells using THPO antibody Cat.-No AM06758PU-N (green) and negative control (red).