

CD110
Purified Mouse Monoclonal Antibody
Catalog # AO2656a**Specification**

CD110 - Product Information

Application	E, WB, FCM
Primary Accession	P40238
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2a
Calculated MW	71.2kDa KDa
Immunogen	

Purified recombinant fragment of human CD110 (AA: extra 26-175) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

CD110 - Additional Information

Gene ID 4352

Other Names

MPL; MPLV; TPOR; C-MPL; THCYT2

Dilution

E~~ 1/10000
WB~~ 1/500 - 1/2000
FCM~~1/200 - 1/400

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CD110 is for research use only and not for use in diagnostic or therapeutic procedures.

CD110 - Protein Information

Name MPL

Synonyms TPOR

Function

Receptor for thrombopoietin that acts as a primary regulator of megakaryopoiesis and platelet production. May represent a regulatory molecule specific for TPO-R-dependent immune responses.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Golgi apparatus. Cell surface

Tissue Location

Expressed at a low level in a large number of cells of hematopoietic origin. Isoform 1 and isoform 2 are always found to be coexpressed

CD110 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

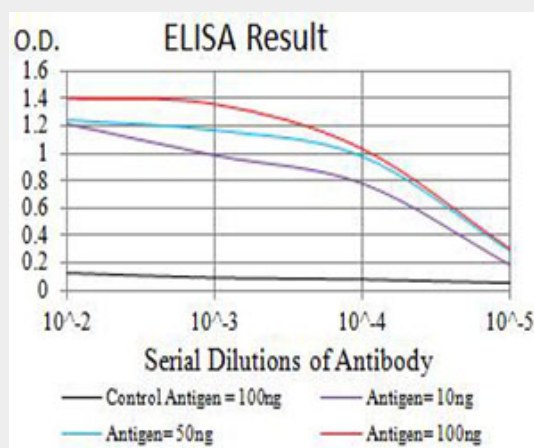
CD110 - Images

Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

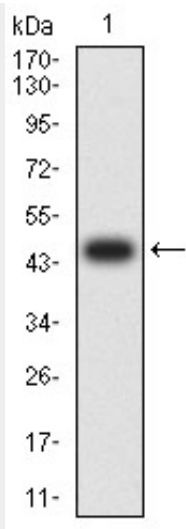


Figure 2: Western blot analysis using CD110 mAb against human CD110 (AA: extra 26-175) recombinant protein. (Expected MW is 47.2 kDa)

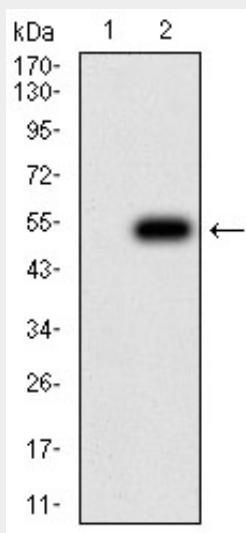


Figure 3: Western blot analysis using CD110 mAb against HEK293 (1) and CD110 (AA: extra 26-175)-hlgGfc transfected HEK293 (2) cell lysate.

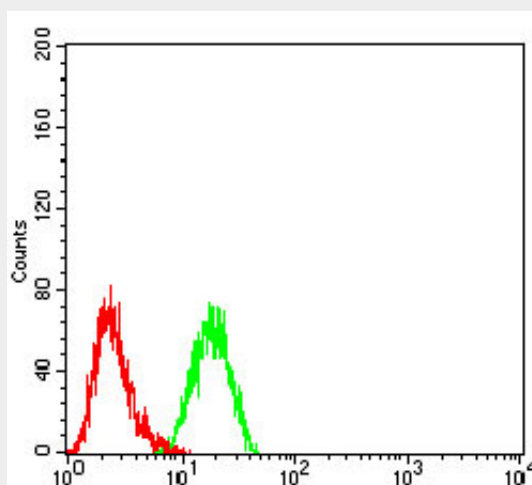


Figure 4: Flow cytometric analysis of K562 cells using CD110 mouse mAb (green) and negative

control (red).

CD110 - References

1.Haematologica. 2015 Sep;100(9):e341-4.2.Blood. 2012 Jul 26;120(4):868-79.