

For Research Use Only

NFE2 Monoclonal antibody

Catalog Number: 66436-1-Ig



Basic Information

Catalog Number: 66436-1-Ig	GenBank Accession Number: BC005044	Purification Method: Protein G purification
Size: 1600 µg/ml	GeneID (NCBI): 4778	CloneNo.: 1D7C8
Source: Mouse	UNIPROT ID: Q16621	Recommended Dilutions: WB 1:1000-1:8000
Isotype: IgG1	Full Name: nuclear factor (erythroid-derived 2), 45kDa	
Immunogen Catalog Number: AG1570	Calculated MW: 41 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HL-60 cells, K-562 cells
Species Specificity: human	

Background Information

The transcription factor p45 nuclear factor-erythroid-derived 2 (NFE2) is one component of the NF-E2 complex that essential for regulating erythroid and megakaryocytic maturation and differentiation. It also plays crucial roles in erythroid and megakaryocytic lineages. NFE2 recognizes the TCAT/C sequence of the AP-1-like core palindromic present in a number of erythroid and megakaryocytic gene promoters, and acts as an activator. And it may have a role in all aspects of hemoglobin production from globin and heme synthesis to procurement of iron.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

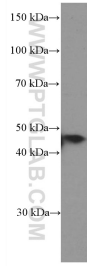
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Selected Validation Data



HL-60 cells were subjected to SDS PAGE followed by western blot with 66436-1-Ig (NFE2 Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.