

For Research Use Only

NFE2 Monoclonal antibody, PBS Only

Catalog Number: 66436-1-PBS



Basic Information

Catalog Number: 66436-1-PBS	GenBank Accession Number: BC005044	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 4778	CloneNo.: 1D7C8
Source: Mouse	UNIPROT ID: Q16621	
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

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 reythroid 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 palindrome present in a number of erythroid and megakaryocytic gene promoters, and acts as a activator. And it may has a role in all aspects of hemoglobin production from globin and heme synthesis to procurement of iron.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

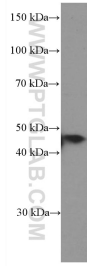
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 66436-1-PBS in a different storage buffer formulation.