

## Product datasheet for TA347012

### NRF1 Mouse Monoclonal Antibody [Clone ID: 9E6-H8-B6]

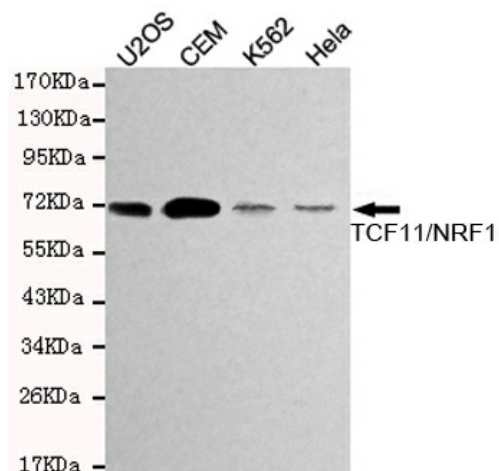
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	9E6-H8-B6
Applications:	WB
Recommend Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	The immunogen for NRF1 antibody: purified recombinant human TCF11/NRF1 protein fragments expressed in E.coli
Formulation:	Purified mouse monoclonal in PBS(pH 7.4)containing with 0.02% sodium azide,50% glycerol,0.1%BSA.
Purification:	Affinity purified
Predicted Protein Size:	72 kDa
Gene Name:	nuclear respiratory factor 1
Database Link:	<a href="#">NP_001035199 Entrez Gene 4899 Human</a>
Background:	This gene encodes a protein that homodimerizes and functions as a transcription factor which activates the expression of some key metabolic genes regulating cellular growth and nuclear genes required for respiration,heme biosynthesis,and mitochondrial DNA transcription and replication.The protein has also been associated with the regulation of neurite outgrowth.Alternate transcriptional splice variants,which encode the same protein, have been characterized.Additional variants encoding different protein isoforms have been described but they have not been fully characterized.Confusion has occurred in bibliographic databases due to the shared symbol of NRF1 for this gene and for ""nuclear factor(erythroid-derived 2)-like 1"" which has an official symbol of NFE2L1. [provided by RefSeq, Jul 2008]"
Synonyms:	ALPHA-PAL
Protein Families:	Transcription Factors
Protein Pathways:	Huntington's disease



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## Product images:



Western blot detection of TCF11/NRF1 in HeLa, K562, CEM and U2OS cell lysates using TCF11/NRF1 mouse mAb (1:1000 diluted). Predicted band size: 67 kDa. Observed band size: 72 kDa.