10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

NFE2L2 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant NFE2L2.
Catalog # AT3031a

Specification

NFE2L2 Antibody (monoclonal) (M03) - Product Information

Application	IF, WB, E
Primary Accession	Q16236
Other Accession	BC011558
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	67827

NFE2L2 Antibody (monoclonal) (M03) - Additional Information

Gene ID 4780

Other Names
Nuclear factor erythroid 2-related factor 2, NF-E2-related factor 2, NFE2-related factor 2, HEBP1, Nuclear factor, erythroid derived 2, like 2, NFE2L2, NRF2

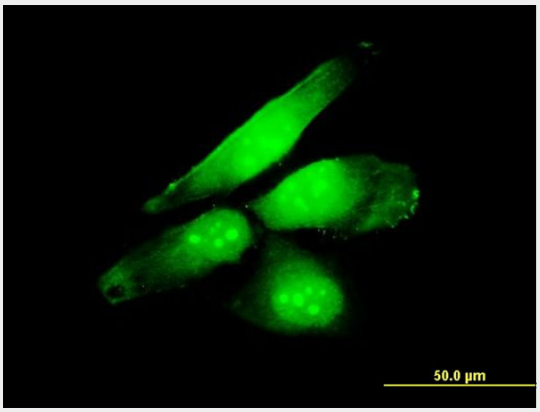
Target/Specificity
NFE2L2 (AAH11558, 71 a.a. ~ 170 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

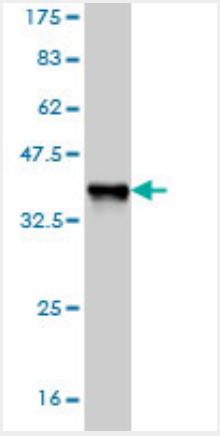
Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

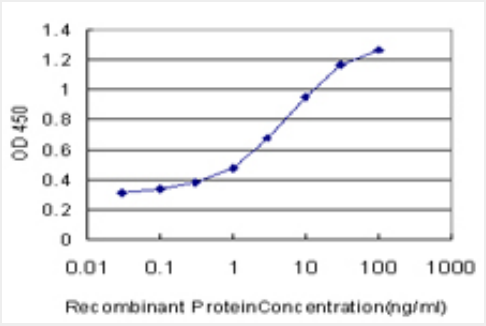
Precautions
NFE2L2 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.



Immunofluorescence of monoclonal antibody to NFE2L2 on HeLa cell . [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



Detection limit for recombinant GST tagged

NFE2L2 Antibody (monoclonal) (M03) -

Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NFE2L2 is approximately 0.1ng/ml as a capture antibody.

NFE2L2 Antibody (monoclonal) (M03) - Background

NFE2 (MIM 601490), NFE2L1 (MIM 163260), and NFE2L2 comprise a family of human genes encoding basic leucine zipper (bZIP) transcription factors. They share highly conserved regions that are distinct from other bZIP families, such as JUN (MIM 165160) and FOS (MIM 164810), although remaining regions have diverged considerably from each other (Chan et al., 1995 [PubMed 7868116]).

NFE2L2 Antibody (monoclonal) (M03) - References

1.Examining the endogenous antioxidant response through immunofluorescent analysis of Nrf2 in tissue.Lindl KA, Jordan-Sciutto KL.Methods Mol Biol. 2008;477:229-43.