

DECR2 Antibody (monoclonal) (M03)**Mouse monoclonal antibody raised against a partial recombinant DECR2.****Catalog # AT1747a****Specification**

DECR2 Antibody (monoclonal) (M03) - Product Information

Application	IF, WB, E
Primary Accession	O9NUI1
Other Accession	BC010740
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	30778

DECR2 Antibody (monoclonal) (M03) - Additional Information**Gene ID** 26063**Other Names**

Peroxisomal 2, 4-dienoyl-CoA reductase, pDCR, 4-dienoyl-CoA reductase 2, DECR2, PDCR

Target/Specificity

DECR2 (AAH10740.1, 49 a.a. ~ 109 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

DECR2 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

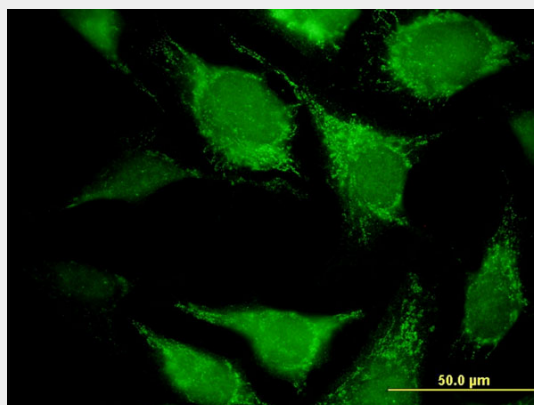
DECR2 Antibody (monoclonal) (M03) - Protocols

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

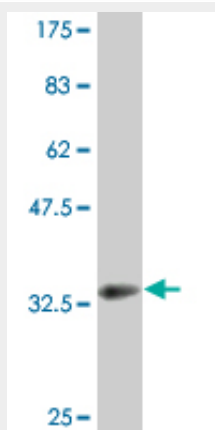
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

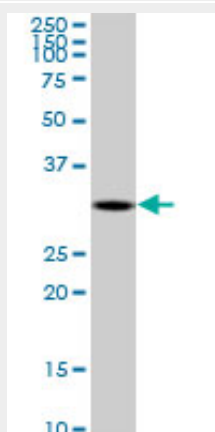
DEC2 Antibody (monoclonal) (M03) - Images



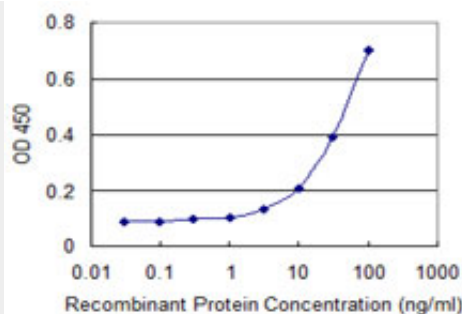
Immunofluorescence of monoclonal antibody to DEC2 on HeLa cell . [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.12 KDa) .



DEC2 monoclonal antibody (M03), clone 4A7. Western Blot analysis of DEC2 expression in Jurkat (Cat # AT1747a)



Detection limit for recombinant GST tagged DECR2 is 1 ng/ml as a capture antibody.

DECR2 Antibody (monoclonal) (M03) - References

The SDR (short-chain dehydrogenase/reductase and related enzymes) nomenclature initiative. Persson B, et al. Chem Biol Interact, 2009 Mar 16. PMID 19027726. Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983. The sequence and analysis of duplication-rich human chromosome 16. Martin J, et al. Nature, 2004 Dec 23. PMID 15616553. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.