10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DDEF1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant DDEF1.
Catalog # AT1729a

Specification

DDEF1 Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB, E**
Primary Accession	Q9ULH1
Other Accession	NM_018482
Reactivity	**Human, Rat**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**125498**

DDEF1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 50807

Other Names
Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1, 130 kDa phosphatidylinositol 4, 5-bisphosphate-dependent ARF1 GTPase-activating protein, ADP-ribosylation factor-directed GTPase-activating protein 1, ARF GTPase-activating protein 1, Development and differentiation-enhancing factor 1, DEF-1, Differentiation-enhancing factor 1, PIP2-dependent ARF1 GAP, ASAP1, DDEF1, KIAA1249

Target/Specificity
DDEF1 (NP_060952, 1030 a.a. ~ 1129 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
DDEF1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

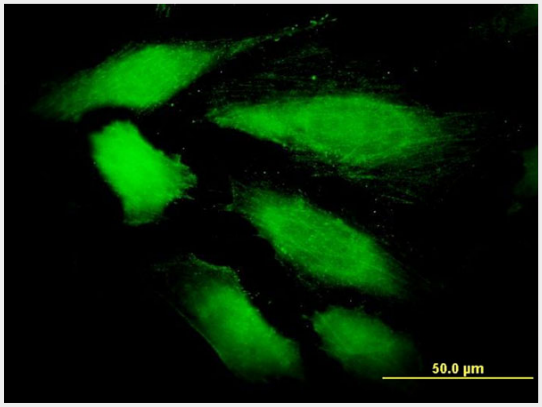
DDEF1 Antibody (monoclonal) (M01) - Protocols

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

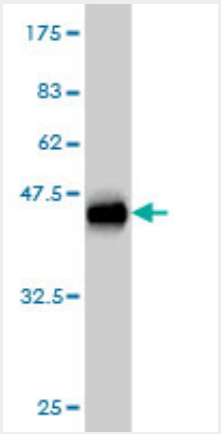
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

DDEF1 Antibody (monoclonal) (M01) - Images

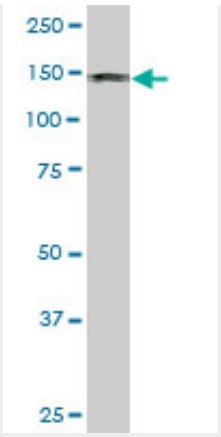


Immunofluorescence of monoclonal antibody to DDEF1 on HeLa cell. [antibody concentration 10 ug/ml]

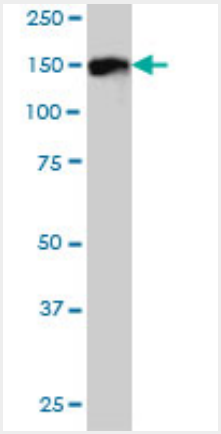


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .

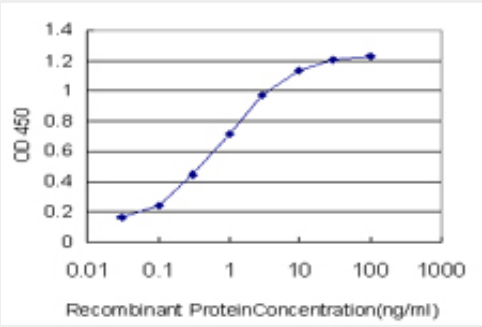
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



DDEF1 monoclonal antibody (M01), clone 2G7. Western Blot analysis of DDEF1 expression in PC-12 ((Cat # AT1729a)



DDEF1 monoclonal antibody (M01), clone 2G7 Western Blot analysis of DDEF1 expression in IMR-32 ((Cat # AT1729a)



Detection limit for recombinant GST tagged DDEF1 is approximately 0.03ng/ml as a capture antibody.

DDEF1 Antibody (monoclonal) (M01) - References

ASAP1 promotes tumor cell motility and invasiveness, stimulates metastasis formation in vivo, and correlates with poor survival in colorectal cancer patients. M?ller T, et al. Oncogene, 2010 Apr 22. PMID 20154719.Genome-wide association study identifies new multiple sclerosis susceptibility loci on chromosomes 12 and 20. Australia and New Zealand Multiple Sclerosis Genetics Consortium (ANZgene). Nat Genet, 2009 Jul. PMID 19525955.Identification of interaction partners for individual SH3 domains of Fas ligand associated members of the PCH protein family in T lymphocytes. Linkermann A, et al. Biochim Biophys Acta, 2009 Feb. PMID 19041431.Autoinhibition of Arf GTPase-activating protein activity by the BAR domain in ASAP1. Jian X, et al. J Biol Chem, 2009 Jan

16. PMID 19017632.Arf GTPase-activating protein ASAP1 interacts with Rab11 effector FIP3 and regulates pericentrosomal localization of transferrin receptor-positive recycling endosome. Inoue H, et al. Mol Biol Cell, 2008 Oct. PMID 18685082.