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OBFC1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant OBFC1.
Catalog # AT3142a

Specification

OBFC1 Antibody (monoclonal) (M01) - Product Information

Application	**WB**
Primary Accession	Q9H668
Other Accession	BC017400
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a kappa**
Calculated MW	**42119**

OBFC1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 79991

Other Names
CST complex subunit STN1, Oligonucleotide/oligosaccharide-binding fold-containing protein 1, Suppressor of cdc thirteen homolog, OBFC1, STN1

Target/Specificity
OBFC1 (AAH17400, 1 a.a. ~ 368 a.a) full-length 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
OBFC1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

OBFC1 Antibody (monoclonal) (M01) - Protocols

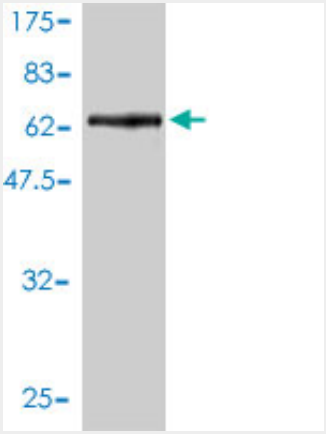
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

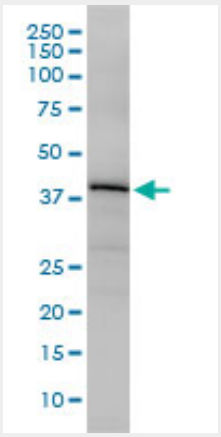
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

OBFC1 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (66.22 KDa) .



OBFC1 monoclonal antibody (M01), clone 3G12-1B7 Western Blot analysis of OBFC1 expression in Jurkat ((Cat # AT3142a)

OBFC1 Antibody (monoclonal) (M01) - Background

OBFC1 and C17ORF68 (MIM 613129) are subunits of an alpha accessory factor (AAF) that stimulates the activity of DNA polymerase-alpha-primase (see MIM 176636), the enzyme that initiates DNA replication (Casteel et al., 2009 [PubMed 19119139]). OBFC1 also appears to function in a telomere-associated complex with C17ORF68 and TEN1 (C17ORF106; MIM 613130) (Miyake et al., 2009 [PubMed 19854130]).

OBFC1 Antibody (monoclonal) (M01) - References

1.OB Fold-containing Protein 1 (OBFC1), a Human Homolog of Yeast Stn1, Associates with TPP1 and Is Implicated in Telomere Length Regulation.Wan M, Qin J, Songyang Z, Liu D.J Biol Chem. 2009 Sep 25;284(39):26725-31. Epub 2009 Aug 1.