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

SMU1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant SMU1.
Catalog # AT3965a

Specification

SMU1 Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB**
Primary Accession	Q2TAY7
Other Accession	BC002876
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b kappa**
Calculated MW	**57544**

SMU1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 55234

Other Names
WD40 repeat-containing protein SMU1, Smu-1 suppressor of mec-8 and unc-52 protein homolog, WD40 repeat-containing protein SMU1, N-terminally processed, SMU1

Target/Specificity
SMU1 (AAH02876, 1 a.a. ~ 513 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
SMU1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

SMU1 Antibody (monoclonal) (M01) - Protocols

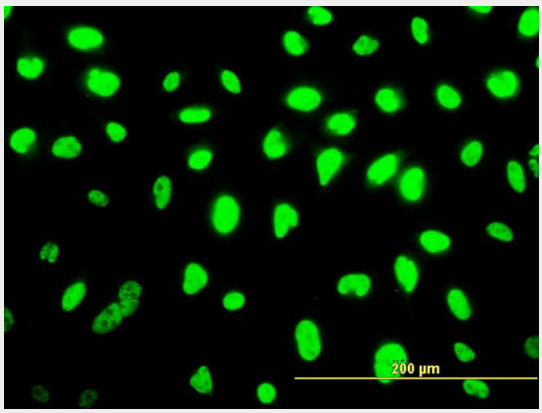
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

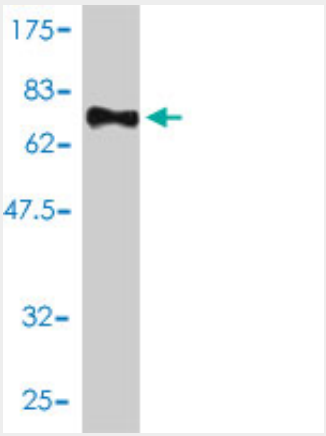
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

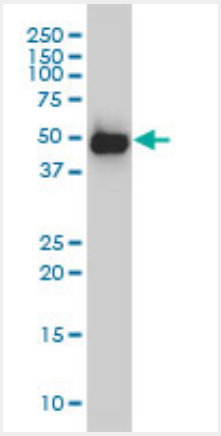
SMU1 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to SMU1 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (82.17 KDa) .



SMU1 monoclonal antibody (M01), clone 2B12-2F2 Western Blot analysis of SMU1 expression in

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Hela S3 NE ((Cat # AT3965a)

SMU1 Antibody (monoclonal) (M01) - References

1.Loss of Smu1 function de-represses DNA replication and over-activates ATR-dependent replication checkpoint.Surnameren G, Surnameliu G, Surnameguo G, Surnamewang G, Surnamema G, Surnamezeng G, Surnameshao G, Surnameyang G, Surnametang G, Surnamewang G, Surnameliu G, Surnameli GBiochem Biophys Res Commun. 2013 May 29. pii: S0006-291X(13)00868-1. doi: 10.1016/j.bbrc.2013.05.072.

SMU1 Antibody (monoclonal) (M01) - Citations

- CRL7SMU1 E3 ligase complex driven H2B ubiquitination functions in sister chromatid cohesion by regulating SMC1 expression.