

STAG2 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant STAG2.****Catalog # AT4056a****Specification**

STAG2 Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, IHC
Primary Accession	Q8N3U4
Other Accession	NM_006603
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	141326

STAG2 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 10735**Other Names**

Cohesin subunit SA-2, SCC3 homolog 2, Stromal antigen 2, STAG2, SA2

Target/Specificity

STAG2 (NP_006594.3, 1130 a.a. ~ 1231 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

STAG2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

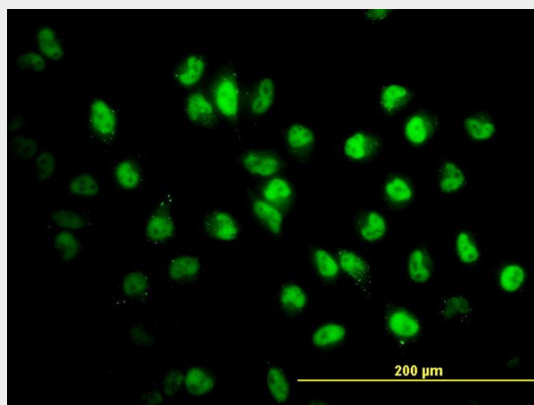
STAG2 Antibody (monoclonal) (M01) - Protocols

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

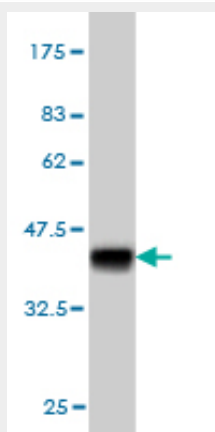
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

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

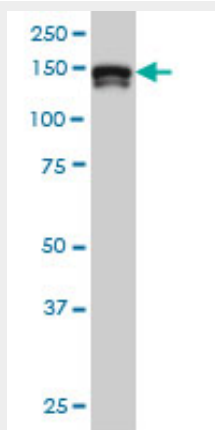
STAG2 Antibody (monoclonal) (M01) - Images



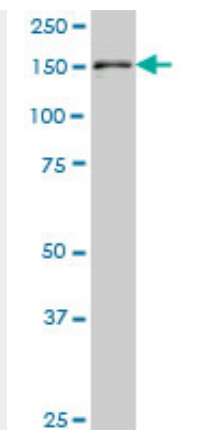
Immunofluorescence of monoclonal antibody to STAG2 on HeLa cell. [antibody concentration 10 ug/ml]



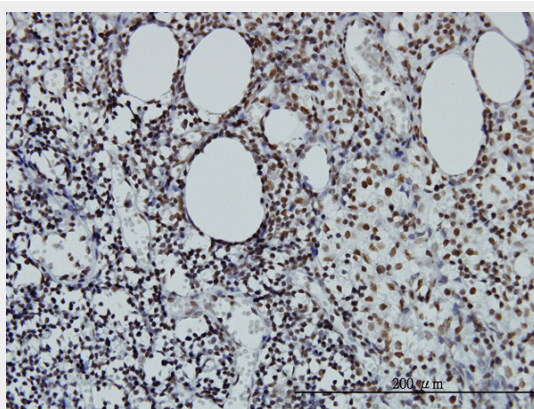
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.96 KDa) .



STAG2 monoclonal antibody (M01), clone 3C6 Western Blot analysis of STAG2 expression in HeLa S3 NE (Cat # AT4056a)



STAG2 monoclonal antibody (M01), clone 3C6. Western Blot analysis of STAG2 expression in NIH/3T3((Cat # AT4056a)



Immunoperoxidase of monoclonal antibody to STAG2 on formalin-fixed paraffin-embedded human lymph node. [antibody concentration 3 ug/ml]

STAG2 Antibody (monoclonal) (M01) - References

Differential regulation of telomere and centromere cohesion by the Scc3 homologues SA1 and SA2, respectively, in human cells. Canudas S, et al. J Cell Biol, 2009 Oct 19. PMID 19822671. Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348. Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983. Human Scc4 is required for cohesin binding to chromatin, sister-chromatid cohesion, and mitotic progression. Watrin E, et al. Curr Biol, 2006 May 9. PMID 16682347. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.