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STAG2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant STAG2.
Catalog # AT4056a

Product Information

Application	WB, IHC, IF
Primary Accession	Q8N3U4
Other Accession	NM_006603
Reactivity	Human, Mouse
Host	Mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3C6
Calculated MW	141326

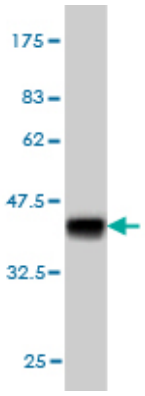
Additional Information

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 IHC~~1:100~500 IF~~1:50~200
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.

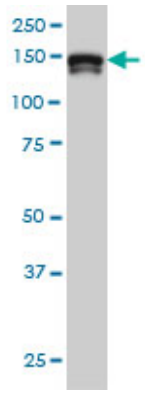
References

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.

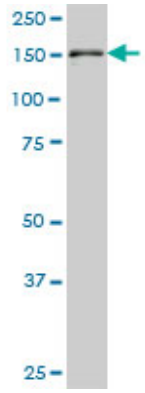
Images



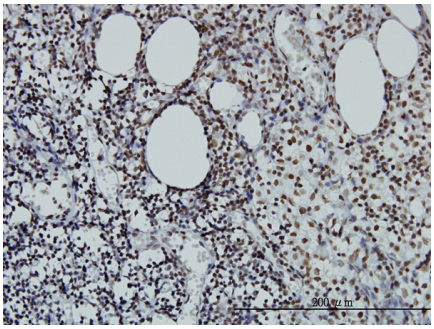
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.96 KDa) .



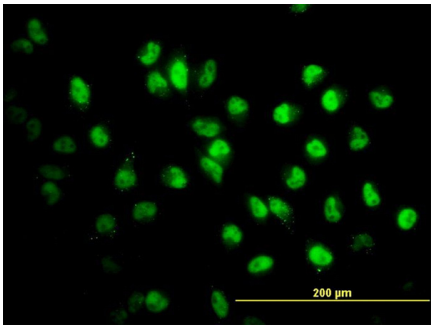
STAG2 monoclonal antibody (M01), clone 3C6 Western Blot analysis of STAG2 expression in Hela S3 NE ((Cat # AT4056a)



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]



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.