

RP11-19J3.3 Antibody (monoclonal) (M07)**Mouse monoclonal antibody raised against a partial recombinant CENPP.****Catalog # AT3693a****Specification**

RP11-19J3.3 Antibody (monoclonal) (M07) - Product Information

Application	WB
Primary Accession	Q6IPU0
Other Accession	NM_001012267
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	33165

RP11-19J3.3 Antibody (monoclonal) (M07) - Additional Information**Gene ID** 401541**Other Names**

Centromere protein P, CENP-P, CENPP

Target/Specificity

CENPP (NP_001012267, 1 a.a. ~ 98 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

RP11-19J3.3 Antibody (monoclonal) (M07) is for research use only and not for use in diagnostic or therapeutic procedures.

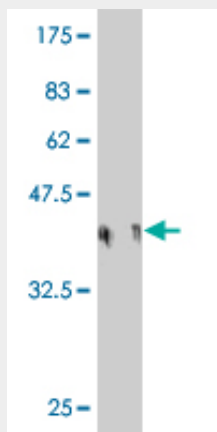
RP11-19J3.3 Antibody (monoclonal) (M07) - Protocols

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

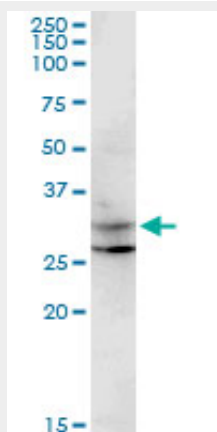
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

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

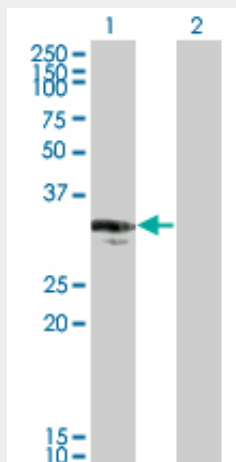
RP11-19J3.3 Antibody (monoclonal) (M07) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 kDa) .



CENPP monoclonal antibody (M07), clone 3G8. Western Blot analysis of CENPP expression in K-562.



Western Blot analysis of CENPP expression in transfected 293T cell line by CENPP monoclonal antibody (M07), clone 3G8.

Lane 1: CENPP transfected lysate(33.165 KDa).

Lane 2: Non-transfected lysate.

RP11-19J3.3 Antibody (monoclonal) (M07) - Background

CENPP is a subunit of a CENPH (MIM 605607)-CENPI (MIM 300065)-associated centromeric complex that targets CENPA (MIM 117139) to centromeres and is required for proper kinetochore function and mitotic progression (Okada et al., 2006 [PubMed 16622420]).

RP11-19J3.3 Antibody (monoclonal) (M07) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121. The CENP-H-I complex is required for the efficient incorporation of newly synthesized CENP-A into centromeres. Okada M, et al. Nat Cell Biol, 2006 May. PMID 16622420. The human CENP-A centromeric nucleosome-associated complex. Foltz DR, et al. Nat Cell Biol, 2006 May. PMID 16622419.