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USP9Y Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a partial recombinant USP9Y.
Catalog # AT4498a

Specification

USP9Y Antibody (monoclonal) (M05) - Product Information

Application	**WB, E**
Primary Accession	O00507
Other Accession	NM_004654
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**291077**

USP9Y Antibody (monoclonal) (M05) - Additional Information

Gene ID 8287

Other Names
Probable ubiquitin carboxyl-terminal hydrolase FAF-Y, Deubiquitinating enzyme FAF-Y, Fat facets protein-related, Y-linked, Ubiquitin thioesterase FAF-Y, Ubiquitin-specific protease 9, Y chromosome, Ubiquitin-specific-processing protease FAF-Y, USP9Y, DFFRY

Target/Specificity
USP9Y (NP_004645, 3 a.a. ~ 90 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
USP9Y Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

USP9Y Antibody (monoclonal) (M05) - Protocols

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

- Western Blot
- Blocking Peptides

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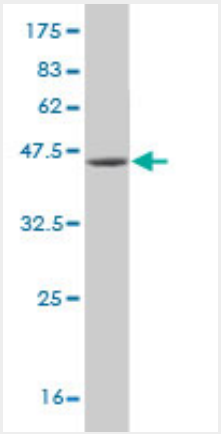
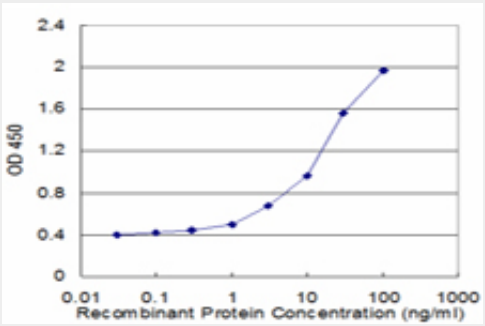
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

USP9Y Antibody (monoclonal) (M05) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.79 KDa) .



Detection limit for recombinant GST tagged USP9Y is approximately 1ng/ml as a capture antibody.

USP9Y Antibody (monoclonal) (M05) - Background

This gene is a member of the peptidase C19 family. It encodes a protein that is similar to ubiquitin-specific proteases, which cleave the ubiquitin moiety from ubiquitin-fused precursors and ubiquitinylated proteins.

USP9Y Antibody (monoclonal) (M05) - References

Spermatogenesis in a man with complete deletion of USP9Y. Luddi A, et al. N Engl J Med, 2009 Feb 26. PMID 19246359.Partial AZFc deletions and duplications: clinical correlates in the Italian population. Giachini C, et al. Hum Genet, 2008 Nov. PMID 18807255.Tracking microdeletions of the AZF region in a patrilineal line of infertile men. Rodovalho RG, et al. Genet Mol Res, 2008 Jul 8. PMID 18752188.Y chromosome haplogroups may confer susceptibility to partial AZFc deletions and deletion effect on spermatogenesis impairment. Yang Y, et al. Hum Reprod, 2008 Sep. PMID 18579508.Genetic variants of Y chromosome are associated with a protective lipid profile in black men. Russo P, et al. Arterioscler Thromb Vasc Biol, 2008 Aug. PMID 18511697.