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TTYH1 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant TTYH1.
Catalog # AT4396a

Specification

TTYH1 Antibody (monoclonal) (M04) - Product Information

Application	**WB, E**
Primary Accession	Q9H313
Other Accession	NM_020659
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**49051**

TTYH1 Antibody (monoclonal) (M04) - Additional Information

Gene ID 57348

Other Names
Protein tweety homolog 1, hTTY1, TTYH1

Target/Specificity
TTYH1 (NP_065710, 261 a.a. ~ 360 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
TTYH1 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

TTYH1 Antibody (monoclonal) (M04) - Protocols

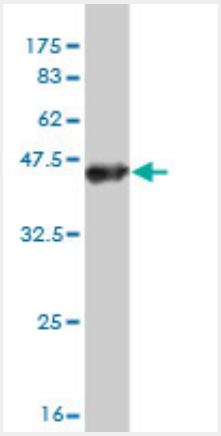
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

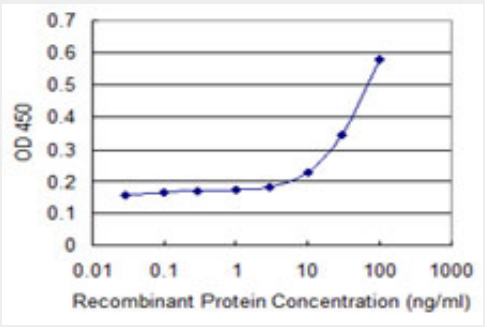
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TTYH1 Antibody (monoclonal) (M04) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



Detection limit for recombinant GST tagged TTYH1 is approximately 3ng/ml as a capture antibody.

TTYH1 Antibody (monoclonal) (M04) - Background

This gene encodes a member of the tweety family of proteins. Members of this family function as chloride anion channels. The encoded protein functions as a calcium(2+)-independent, volume-sensitive large conductance chloride(-) channel. Two transcript variants encoding distinct isoforms have been identified for this gene.

TTYH1 Antibody (monoclonal) (M04) - References

The ubiquitin-protein ligase Nedd4-2 differentially interacts with and regulates members of the Tweety family of chloride ion channels. He Y, et al. J Biol Chem, 2008 Aug 29. PMID 18577513.A novel human Cl(-) channel family related to Drosophila flightless locus. Suzuki M, et al. J Biol Chem, 2004 May 21. PMID 15010458.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.Human and mouse homologues of the Drosophila melanogaster tweety (tty) gene: a novel gene family encoding predicted transmembrane proteins. Campbell HD, et al. Genomics, 2000 Aug 15. PMID 10950931.