

SGTA Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a partial recombinant SGTA.

Catalog # AT3860a

Specification

SGTA Antibody (monoclonal) (M06) - Product Information

| | |
|-------------------|---------------------------|
| Application | IF, IP, WB, E |
| Primary Accession | O43765 |
| Other Accession | NM_003021 |
| Reactivity | Human |
| Host | mouse |
| Clonality | Monoclonal |
| Isotype | IgG2b Kappa |
| Calculated MW | 34063 |

SGTA Antibody (monoclonal) (M06) - Additional Information

Gene ID 6449

Other Names

Small glutamine-rich tetratricopeptide repeat-containing protein alpha, Alpha-SGT, Vpu-binding protein, UBP, SGTA, SGT, SGT1

Target/Specificity

SGTA (NP_003012.1, 42 a.a. ~ 123 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

SGTA Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

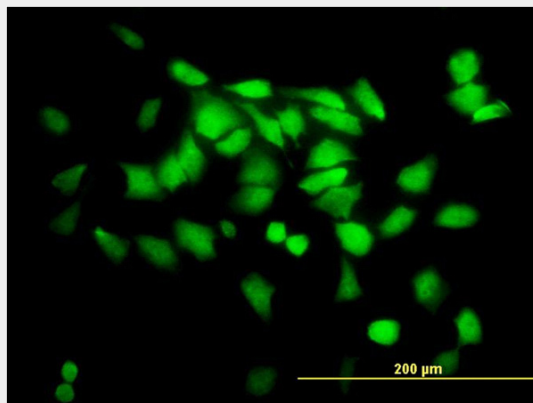
SGTA Antibody (monoclonal) (M06) - Protocols

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

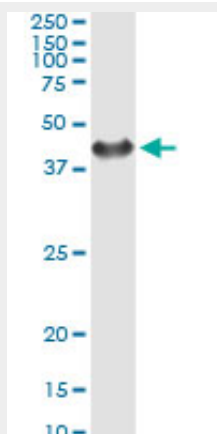
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

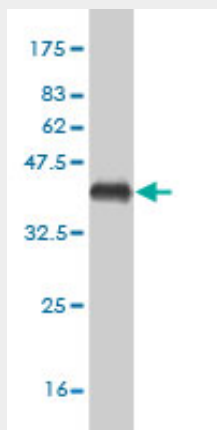
SGTA Antibody (monoclonal) (M06) - Images



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

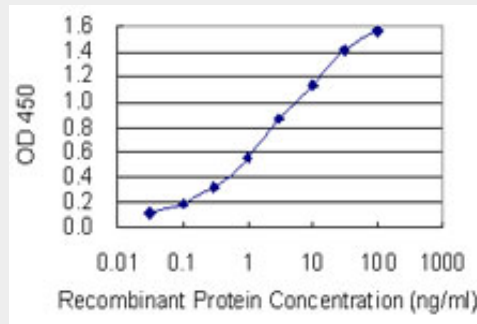


Immunoprecipitation of SGTA transfected lysate using anti-SGTA monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with SGTA MaxPab rabbit polyclonal antibody.



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen

(34.76 kDa) .



Detection limit for recombinant GST tagged SGTA is 0.03 ng/ml as a capture antibody.

SGTA Antibody (monoclonal) (M06) - Background

This gene encodes a protein which is capable of interacting with the major nonstructural protein of parvovirus H-1 and 70-kDa heat shock cognate protein; however, its function is not known. Since this transcript is expressed ubiquitously in various tissues, this protein may serve a housekeeping function.

SGTA Antibody (monoclonal) (M06) - References

Family-based analysis of candidate genes for polycystic ovary syndrome. Ewens KG, et al. *J Clin Endocrinol Metab*, 2010 May. PMID 20200332. Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. *Cell*, 2009 Jul 23. PMID 19615732. Structural and functional characterization of human SGT and its interaction with Vpu of the human immunodeficiency virus type 1. Dutta S, et al. *Biochemistry*, 2008 Sep 23. PMID 18759457. Expression, purification and preliminary crystallographic analysis of recombinant human small glutamine-rich tetratricopeptide-repeat protein. Dutta S, et al. *Acta Crystallogr Sect F Struct Biol Cryst Commun*, 2008 Jul 1. PMID 18607086. Small glutamine-rich tetratricopeptide repeat-containing protein alpha (SGTA), a candidate gene for polycystic ovary syndrome. Goodarzi MO, et al. *Hum Reprod*, 2008 May. PMID 18332089.