

**TRIM68 Antibody (monoclonal) (M01)****Mouse monoclonal antibody raised against a partial recombinant TRIM68.****Catalog # AT4362a****Specification**

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**TRIM68 Antibody (monoclonal) (M01) - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q6AZZ1</a>
Other Accession	<a href="#">NM_018073</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	56259

**TRIM68 Antibody (monoclonal) (M01) - Additional Information****Gene ID** 55128**Other Names**

E3 ubiquitin-protein ligase TRIM68, 632-, RING finger protein 137, SSA protein SS-56, SS-56, Tripartite motif-containing protein 68, TRIM68, GC109, RNF137, SS56

**Target/Specificity**

TRIM68 (NP\_060543, 181 a.a. ~ 280 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**

TRIM68 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

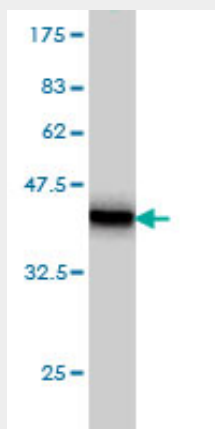
**TRIM68 Antibody (monoclonal) (M01) - Protocols**

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

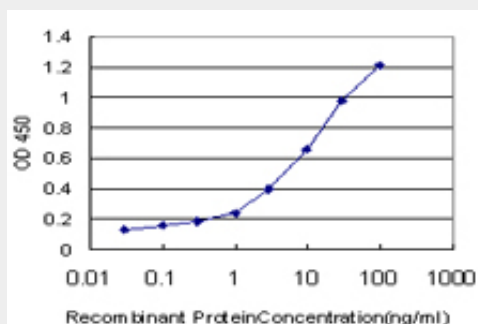
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

### TRIM68 Antibody (monoclonal) (M01) - Images



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



Detection limit for recombinant GST tagged TRIM68 is approximately 0.3ng/ml as a capture antibody.

### TRIM68 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene contains a RING finger domain, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. This gene is expressed in many cancer cell lines. Its expression in normal tissues, however, was found to be restricted to prostate. This gene was also found to be differentially expressed in androgen-dependent versus androgen-independent prostate cancer cells.

### TRIM68 Antibody (monoclonal) (M01) - References

Genome-wide linkage scans for type 2 diabetes mellitus in four ethnically diverse populations-significant evidence for linkage on chromosome 4q in African Americans: the Family Investigation of Nephropathy and Diabetes Research Group. Malhotra A, et al. Diabetes Metab Res Rev, 2009 Nov. PMID 19795399. TRIM68 regulates ligand-dependent transcription of androgen receptor in prostate cancer cells. Miyajima N, et al. Cancer Res, 2008 May 1. PMID 18451177. The LIFEdb database in 2006. Mehrle A, et al. Nucleic Acids Res, 2006 Jan 1. PMID 16381901. From ORFeome to biology: a functional genomics pipeline. Wiemann S, et al. Genome Res, 2004 Oct. PMID 15489336. The status, quality, and expansion of the NIH full-length cDNA project: the

Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.