

**TP53BP1 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant TP53BP1.

Catalog # AT4311a

**Specification**

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**TP53BP1 Antibody (monoclonal) (M01) - Product Information**

Application	E
Primary Accession	<a href="#">O12888</a>
Other Accession	<a href="#">NM_005657</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	213574

**TP53BP1 Antibody (monoclonal) (M01) - Additional Information**

Gene ID 7158

**Other Names**

Tumor suppressor p53-binding protein 1, 53BP1, p53-binding protein 1, p53BP1, TP53BP1

**Target/Specificity**

TP53BP1 (NP\_005648, 1766 a.a. ~ 1874 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**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**

TP53BP1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

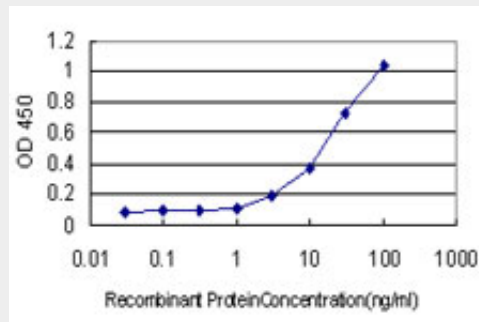
**TP53BP1 Antibody (monoclonal) (M01) - Protocols**

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](#)

### TP53BP1 Antibody (monoclonal) (M01) - Images



Detection limit for recombinant GST tagged TP53BP1 is approximately 0.1ng/ml as a capture antibody.

### TP53BP1 Antibody (monoclonal) (M01) - References

Genetic Variants in the 53BP1 Gene and Skin Cancer Risk. He C, et al. *J Invest Dermatol*, 2010 Aug 5. PMID 20686496. Evaluation of Single Nucleotide Polymorphisms (SNPs) in the p53 Binding Protein 1 (TP53BP1) Gene in Breast Cancer Patients Treated With Breast-Conserving Surgery and Whole-Breast Irradiation (BCS + RT). Haffty BG, et al. *Int J Radiat Oncol Biol Phys*, 2010 Jun 18. PMID 20646866. A large-scale candidate gene approach identifies SNPs in SOD2 and IL13 as predictive markers of response to preoperative chemoradiation in rectal cancer. Ho-Pun-Cheung A, et al. *Pharmacogenomics J*, 2010 Jul 20. PMID 20644561. 53BP1 loss rescues BRCA1 deficiency and is associated with triple-negative and BRCA-mutated breast cancers. Bouwman P, et al. *Nat Struct Mol Biol*, 2010 Jun. PMID 20453858. A Large-scale genetic association study of esophageal adenocarcinoma risk. Liu CY, et al. *Carcinogenesis*, 2010 Jul. PMID 20453000.