

TP53BP1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TP53BP1.

Catalog # AT4311a

Specification

TP53BP1 Antibody (monoclonal) (M01) - Product Information

Application	E
Primary Accession	Q12888
Other Accession	NM_005657
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

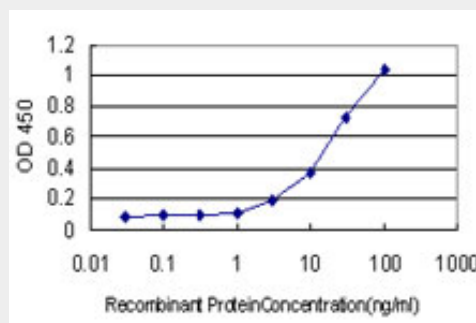
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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.



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.

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