

Mouse anti-Human TPX2 Monoclonal Antibody | anti-TPX2 antibody

Mouse monoclonal antibody Anti-Human TPX2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10610	Mouse	Human	Dot Blot, Immunocytochemistry, Immunoprecipitation, Western Blot, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

TPX2; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human TPX2; Homo sapiens TPX2; microtubule-associated; homolog (Xenopus laevis) (TPX2); DIL2; p100; DIL-2; HCTP4; FLS353; HCA519; REPP86; C20orf1; C20orf2; GD:C20orf1; anti-TPX2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3164C6a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	3685
Applicable Applications for anti-TPX2 antibody	DB (Dot Blot), ICC (Immunocytochemistry), IP (Immunoprecipitation), WB (Western Blot), FCM/FACS (Flow Cytometry)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



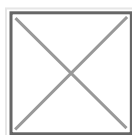
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-TPX2 mAb. Nuclear was stained with Hoechst (blue fluorescence). [Lot No. 3164C6a-1]



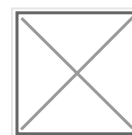
FCM (Flow Cytometry)

HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-TPX2 mAb (shaded) or isotype control (unshaded) followed by Alexa Fluor(R) 488-conjugated goat anti-mouse IgG. [Lot No. 3164C6a-1]



IP (Immunoprecipitation)

Immunoprecipitation: RIPA lysate of HeLa cells was incubated with anti-TPX2 mAb. [Lot No. 3164C6a-1] Predicted molecular weight: 85 kDa

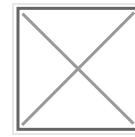


WB (Western Blot)

Detection of human TPX2 by Western blot. Samples: Whole cell lysate (25 ug) from HeLa cells. [Lot No. 3164C6a-1] Predicted molecular weight: 85 kDa

**Quality Control**

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.

**Quality Control**

Western blot analysis of immunized recombinant protein, using anti-TPX2 monoclonal antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40354199
NCBI GeneID	22974
NCBI Accession #	NP_036244.2
NCBI GenBank Nucleotide #	NM_012112
Molecular Weight	89,393 Da
NCBI Official Full Name	Homo sapiens TPX2, microtubule-associated (TPX2), mRNA
NCBI Official Synonym Full Names	TPX2, microtubule-associated
NCBI Official Symbol	TPX2
NCBI Official Synonym Symbols	DIL2; p100; DIL-2; HCTP4; FLS353; HCA519; REPP86; C20orf1; C20orf2; GD:C20orf1
NCBI Protein Information	targeting protein for Xklp2; TPX2, microtubule-associated protein homolog; TPX2, microtubule-associated, homolog; differentially expressed in cancerous and non-cancerous lung cells 2; differentially expressed in lung cells; hepatocellular carcinoma-associated antigen 519; hepatocellular carcinoma-associated antigen 90; preferentially expressed in colorectal cancer; protein fls353; restricted expression proliferation associated protein 100; restricted expression proliferation-associated protein 100
UniProt Protein Name	Targeting protein for Xklp2
UniProt Gene Name	TPX2
UniProt Entry Name	TPX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tpx2-antibody-clone-3164c6a-dot-blot-immunocytochemistry-immunoprecipitation-western-blot-flow-cytometry-elisa/10610>