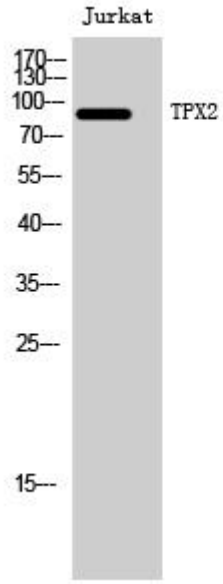
TPX2 Monoclonal Antibody

Catalog No	YP-mAb-16782
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	TPX2
Protein Name	Targeting protein for Xklp2
Immunogen	The antiserum was produced against synthesized peptide derived from human DIL-2. AA range:301-350
Specificity	TPX2 Monoclonal Antibody detects endogenous levels of TPX2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TPX2; C20orf1; C20orf2; DIL2; HCA519; Targeting protein for Xklp2; Differentially expressed in cancerous and non-cancerous lung cells 2; DIL-2; Hepatocellular carcinoma-associated antigen 519; Protein fls353; Restricted expression prolifera
Observed Band	86kD
Cell Pathway	Nucleus . Cytoplasm, cytoskeleton, spindle . Cytoplasm, cytoskeleton, spindle pole . During mitosis it is strictly associated with the spindle pole and with the mitotic spindle, whereas during S and G2, it is diffusely distributed throughout the nucleus. Is released from the nucleus in apoptotic cells and is detected on apoptotic microtubules. .
Tissue Specificity	Expressed in lung carcinoma cell lines but not in normal lung tissues.
Function	developmental stage:Exclusively expressed in proliferating cells from the transition G1/S until the end of cytokinesis.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,subcellular location:During mitosis it is strictly associated with the spindle pole and with the mitotic spindle, whereas during S and G2, it is diffusely distributed throughout the nucleus.,tissue specificity:Expressed in lung carcinoma cell lines but not in normal lung tissues.,
Background	developmental stage:Exclusively expressed in proliferating cells from the transition G1/S until the end of cytokinesis.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,subcellular location:During mitosis it is strictly

	associated with the spindle pole and with the mitotic spindle, whereas during S and G2, it is diffusely distributed throughout the nucleus.,tissue specificity:Expressed in lung carcinoma cell lines but not in normal lung tissues.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using TPX2 Monoclonal Antibody