

Recombinant

DGRmAb®

## TPX2 (DGR34038) Rabbit mAb

db14876

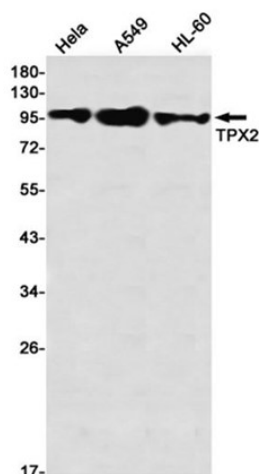
Package : 10µL 20µL 50µL 100µL

**Product Name** : TPX2 (DGR34038) Rabbit mAb**Cat.No.:** db14876**Synonyms** : DIL2; p100; DIL-2; HCTP4; FLS353; HCA519; REPP86; C20orf1; C20orf2; GD:C20orf1**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human**Host species** : Rabbit

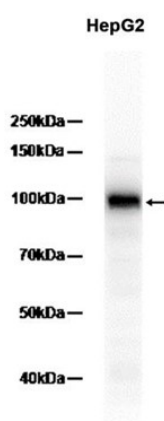
<b>Background</b>	Spindle assembly factor required for normal assembly of mitotic spindles
<b>Immunogen</b>	A synthetic peptide of human TPX2
<b>Gene ID</b>	22974
<b>Swiss Prot</b>	Q9ULW0
<b>Synonyms</b>	DIL2; p100; DIL-2; HCTP4; FLS353; HCA519; REPP86; C20orf1; C20orf2; GD:C20orf1
<b>Reactivity</b>	Human
<b>Application</b>	WB, IHC-P, ICC/IF, FC, IP
<b>Recommended dilution</b>	WB: 1:1000 IHC-P: 1:500-1:2000 ICC/IF: 1:100 FC: 1:200-1:500 IP: 1:20-1:50
<b>Calculated MW</b>	86 kDa
<b>Observed MW</b>	100 kDa
<b>Host species</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Clonality No.</b>	DGR34038
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated

## Storage Stability

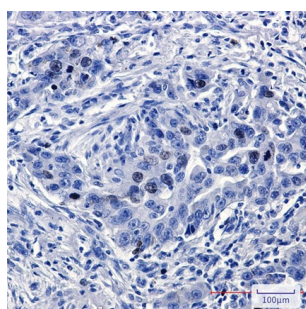
Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



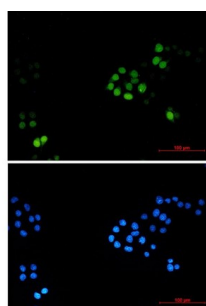
Western blot detection of TPX2 in HeLa, A549, HL-60 using TPX2 antibody (1:1000 diluted)



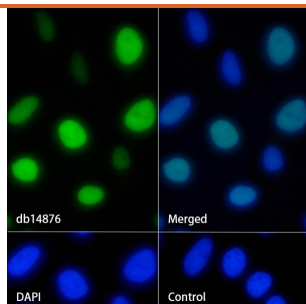
Western blot analysis of extracts from HepG2 cells using db14876 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db14876 antibody.



Immunofluorescent analysis of HeLa cells using db14876 antibody (green), and DAPI (blue).



Immunofluorescence analysis of HeLa cells labelling TPX2 with db14876.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db14876 (1:100) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.