

## 11-13002: Polyclonal Antibody to Beta Tubulin

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Rat,Mouse,Human
<b>Gene :</b>	TUBB2A
<b>Gene ID :</b>	7280
<b>Uniprot ID :</b>	Q13885
<b>Format :</b>	Purified
<b>Alternative Name :</b>	TUBB2A,TUBB2
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A partial length recombinant Tubulin, beta protein (amino acids 200-444) was used as the immunogen for this antibody.

### Description

Tubulin is one of several members of a small family of globular proteins and is the major constituent of microtubules. The most common members of the tubulin family are alpha-tubulin and beta-tubulin. It appears to play an important role in the formation of platelet. It is involved in the pathogenesis of Cortical dysplasia, complex, with other brain malformations 6 (CDCBM6) and distal hereditary motor neuropathy, type 2. Ubiquitously expressed with highest levels in spleen, thymus and immature brain. It is expressed exclusively in megakaryocytes and platelets in humans.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 4-6 µg/ml

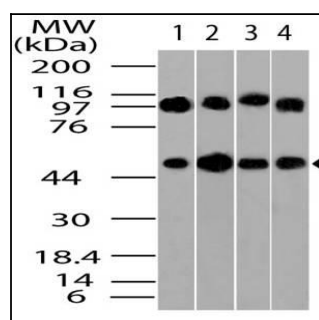


Figure-1: Western blot analysis of Beta Tubulin. Anti- Beta Tubulin antibody (11-13002) was used at 4 µg/ml on 1) A431, 2) HeLa, 3) MCF7 and 4) 3T3 lysates.

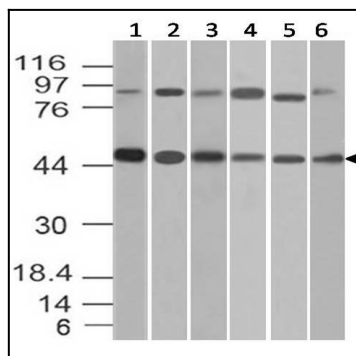


Figure-2: Western blot analysis of Beta Tubulin. Anti- Beta Tubulin antibody (11-13002) was used at 2  $\mu$ g/ml on 1) C2C12, 2) 293, 3) K562, 4) PC3, (5) A549 and (6) BV2 lysates.

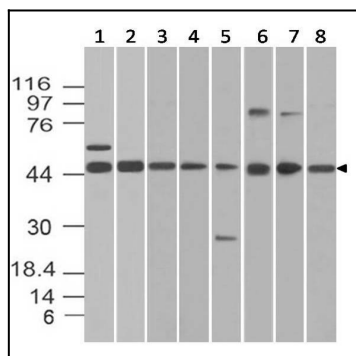


Figure-3: Western blot analysis of Beta Tubulin. Anti- Beta Tubulin antibody (11-13002) was used at 2  $\mu$ g/ml on 1) m Spleen , 2) m Lung, 3) m Liver, 4) m Colon, (5) r Liver, (6) r Testis, (7) r Kidney and (8) r Ovary lysates.