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### 11-13002: Polyclonal Antibody to Beta Tubulin

| Clonality :           | Polyclonal  |
|-----------------------|---|
| Application :         | WB  |
| Reactivity :          | Rat,Mouse,Human   |
| Gene :                | TUBB2A  |
| Gene ID :             | 7280  |
| Uniprot ID :          | Q13885  |
| Format :              | Purified  |
| Alternative Name :    | TUBB2A,TUBB2  |
| Isotype :             | Rabbit IgG  |
| Immunogen Information | 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**

| Amount :<br>Purification : | 25 μg / 100 μg<br>Protein A Chromatography   |
|----------------------------|--|
| Content :                  | 25 $\mu$ g in 50 $\mu$ l/100 $\mu$ g in 200 $\mu$ l PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| Storage condition :        | 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

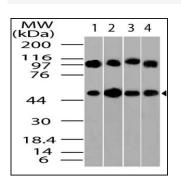


Figure-1: Western blot analysis of Beta Tubulin. Anti- Beta Tubulin antibody (11-13002) was used at 4 µg/ml on 1) A431, 2) Hela, 3) MCF7 and 4) 3T3 lysates.



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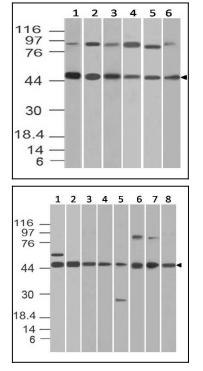


Figure-2: Western blot analysis of Beta Tubulin. Anti- Beta Tubulin antibody (11-13002) was used at 2  $\mu$ g/ml on 1) C2C12, 2) 293, 3) K562, 4) PC3, (5) A549 and (6) BV2 lysates.

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.