



## Anti- $\alpha$ -tubulin Mouse Monoclonal Antibody(7E8)

Catalog No.	EM31012-01	EM31012-02
Size	50 $\mu$ l	100 $\mu$ l

Tubulin is one of several members of a small family of globular proteins. The tubulin superfamily includes five distinct families, the alpha-, beta-, gamma-, delta-, and epsilon-tubulins. The most common members of the tubulin family are  $\alpha$ -tubulin and  $\beta$ -tubulin, the proteins that make up microtubules. Each has a molecular weight of approximately 55 KD. Microtubules are assembled from dimers of  $\alpha$ - and  $\beta$ -tubulin.

**Molecular Weight:** 52KD

**Application :** WB 1:5,000-1,000 IP 1:200 Optimal dilutions should be determined by the end user.

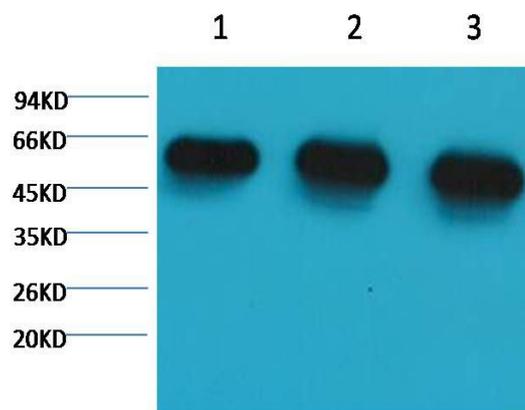
**species reactivity:** Human Rat Mouse

**Specificity:** The  $\alpha$ -tubulin antibody can detect endogenous  $\alpha$ -tubulin protein.

**Form:** Liquid ,1mg/ml

**Storage buffer:** PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol

**Storage:** Store at -20°C. Do not aliquot the antibody.



Western blot analysis of 1) HeLa, 2) Rat Brain Tissue, 3) Mouse Brain Tissue with  $\alpha$ -tubulin diluted at 1:5,000.