beta Actin (10F1) Mouse mAb

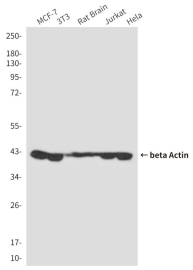
db6496 **Package : 100μL 500μL 1mL**

Product Name : beta Actin (10F1) Mouse mAb
Cat.No.: db6496
Synonyms : ACTIN; ACTB; BETA-ACTIN; beta actin; actin beta
Application : ICC/IF, WB, IHC-Fr, IHC-P
Reactivity : Human, Mouse, Rat, Monkey, Dog, Chicken, Hamster, Rabbit, Insect
Host species : Mouse

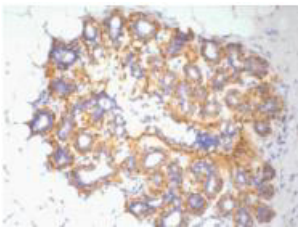
Background	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.MiscellaneousIn vertebrates 3 main groups of actin isoforms, alpha, beta and gamma have been identified. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. The beta and gamma actins coexist in most cell types as components of the cytoskeleton and as mediators of internal cell motility.
Immunogen	Synthetic Peptide of β-actin
Gene ID	60
Swiss Prot	P60709
Synonyms	ACTIN; ACTB; BETA-ACTIN; beta actin; actin beta
Reactivity	Human, Mouse, Rat, Monkey, Dog, Chicken, Hamster, Rabbit, Insect
Application	ICC/IF, WB, IHC-Fr, IHC-P
Recommended dilution	WB: 1:5000-1:10000 IHC: 1:50-1:200 ICC/IF: 1:100-1:200
Calculated MW	42 kDa
Observed MW	42 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	10F1-3A3-3B1
Isotype	IgG1
Purity	Affinity Purification

Conjugation Un-conjugated

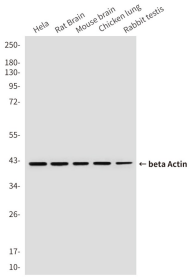
Storage Stability Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



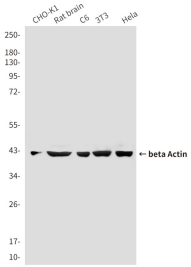
Western blot analysis of beta actin in MCF-7, 3T3, rat Brain, Jurkat and Hela lysates using beta actin antibody.



Immunohistochemistry analysis of paraffin-embedded Human ovary tissue using beta Actin antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of beta Actin in Hela, rat brain , mouse brain, Chicken lung and Rabbit testis using beta Actin (10F1) antibody.



Western blot analysis of βActin in CHO-K1, rat brain, C6, 3T3, Hela lysates using βActin (10F1) antibody.