

Anti-ACTB antibody [8F10-G10]

Cat# NB-22-30888 Size:200ul

GENERAL INFORMATION

Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Actin-Cytoplasmic 1 is suitable for use in Western Blot research applications.
Applications	WB
Host/Source	Mouse
Reactivity	Human, Mouse, Simian, Goat, Rat, Hamster, Rat, S.cerevisiae, A.thaliana, P.pastoris, Rabbit, Zebrafish, D.melanogaster, O.sativa, Cucumber, Chlamydomonas

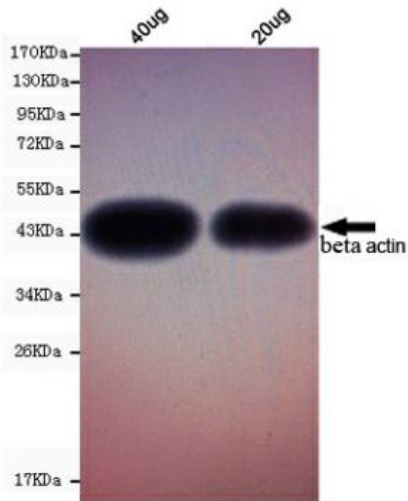
PRODUCT PROPERTIES

Clonality	Monoclonal
Clone ID	8F10-G10
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:10000
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG2b
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

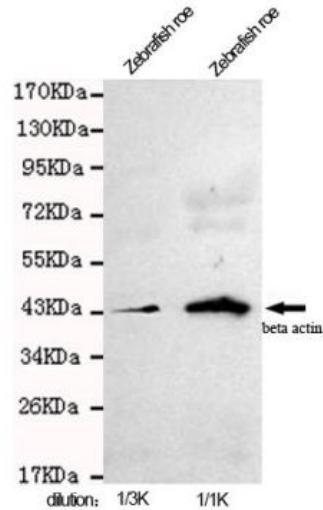
TARGET INFORMATION

Gene ID	60
Gene Symbol	ACTB
Uniport ID	ACTB_HUMAN
Immunogen	Purified recombinant human beta actin protein fragments expressed in E.coli.
Immunogen Region	
Specificity	ACTB monoclonal antibody (Actin-Cytoplasmic 1) binds to endogenous Actin-Cytoplasmic 1.
Immunogen Sequence	

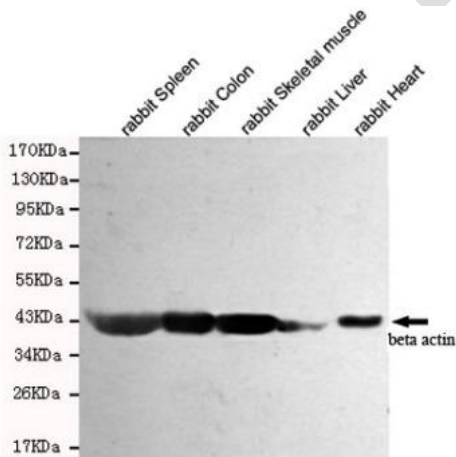
This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.



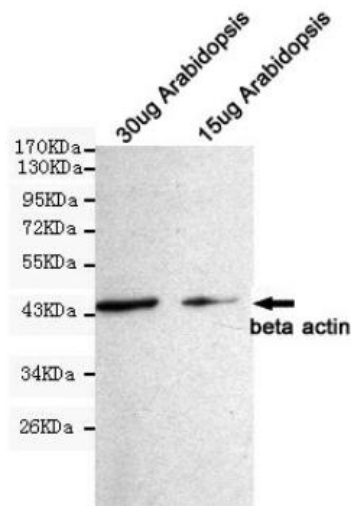
Western blot detection of beta actin in 20ug & 40ug Fruit fly (*Drosophila melanogaster*) cell lysates using beta actin mouse mAb (1:3000 diluted). Predicted band size: 45KDa. Observed band size: 45KDa.



Western blot detection of beta actin in zebrafish roe cell lysates using beta actin mouse mAb (1:1000-1:3000 diluted). Predicted band size: 45KDa. Observed band size: 45KDa.



Western blot detection of beta actin in Rabbit Spleen, Rabbit Colon, Rabbit Skeletal muscle, Rabbit Liver and Rabbit Heart cell lysates using beta actin mouse mAb (1:5000 diluted). Predicted band size: 45KDa. Observed band size: 45KDa.



Western blot detection of beta actin in 15ug Arabidopsis and 30ug Arabidopsis cell lysates using beta actin mouse mAb (1:1000 diluted). Predicted band size: 45KDa. Observed band size: 45KDa.