

beta Actin Recombinant Rabbit Monoclonal Antibody (JF53-10), HRP

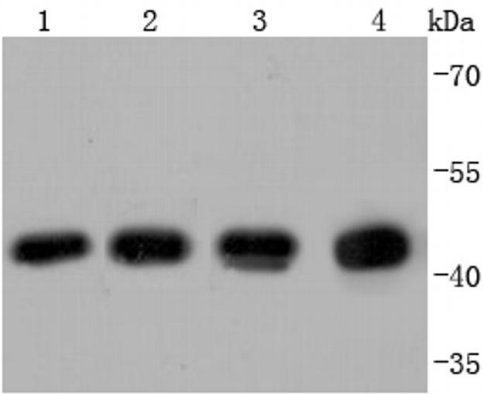
Product Details	
Size	100 µL
Species Reactivity	Hamster, Human, Mouse, Non-human primate, Plant, Rat, Zebrafish
Published Species	Human, Mouse
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	JF53-10
Conjugate	HRP
Immunogen	Recombinant full length protein of Human beta Actin aa 1-375
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	TBS, pH 7.4, with 40% Glycerol, 0.05% BSA
Contains	no preservative
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2809817

Applications	Tested Dilution	Publications
Western Blot (WB)	1:10,000	4 Publications

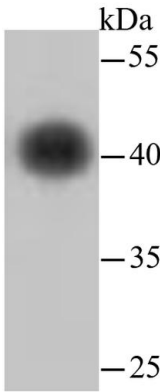
Product Specific Information

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Product Images For beta Actin Recombinant Rabbit Monoclonal Antibody (JF53-10), HRP



beta Actin Antibody (MA5-32540) in WB
Western blot analysis of beta Actin in different lysates using a Monoclonal antibody (Product #MA5-32540) at a dilution of 1:1,000. Positive control: Lane 1: HeLa, Lane 2: PC-12, Lane 3: NIH/3T3, Lane 4: zebrafish.



beta Actin Antibody (MA5-32540) in WB
Western blot analysis of beta Actin in hybrid fish (crucian-carp) brain tissue lysate using a beta Actin Monoclonal antibody (Product # MA5-32540) at a dilution of 1:500.

4 References

Western Blot (4)

<p>Metabolites</p> <p>Natural Steroidal Lactone Induces G1/S Phase Cell Cycle Arrest and Intrinsic Apoptotic Pathway by Up-Regulating Tumor Suppressive miRNA in Triple-Negative Breast Cancer Cells.</p> <p>"MA5-32540 was used in Western Blotting to indicate that the Withaferin A and miRNA mimic co-treatment strategy may be utilized as a newer therapeutic strategy to treat triple-negative breast cancer."</p> <p>Authors: Shuaib M,Prajapati KS,Gupta S,Kumar S</p>	<p>Year</p> <p>2022</p> <p>Species</p> <p>Human</p> <p>Dilution</p> <p>1:1000</p>
<p>Cell reports</p> <p>Dissecting the genetic and microenvironmental factors of gastric tumorigenesis in mice.</p> <p>"MA5-32540 was used in Western Blotting to propose a strategy to model GC and dissect the genetic and microenvironmental factors driving the full-range gastric tumorigenesis."</p> <p>Authors: Lu Z,Zhong A,Liu H,Zhang M,Chen X,Pan X,Wang M,Deng X,Gao L,Zhao L,Wang J,Yang Y,Zhang Q,Wu B,Zheng J,Wang Y,Song X,Liu K,Zhang W,Chen X,Yang K,Chen X,Zhao Y,Zhao C,Wang Y,Chen L,Zhou Z,Hu J,Liu Y,Chen C</p>	<p>Year</p> <p>2022</p> <p>Species</p> <p>Mouse</p>

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