

β-Actin Mouse Monoclonal Antibody

Catalog #: EAB10001

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Mouse IgG1	Monoclonal	WB, IHC-P, IF/ICC	42	Human, Mouse, Rat, Monkey, Pig, Dog, Chicken, Hamster, Rabbit, Sheep

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB (Western Blotting)	1:5000-20000
IHC-P (Immunohistochemistry-Paraffin)	1:100-500
IF/ICC (Immunofluorescence/Immunocytochemistry)	1:100-500

Product Information

Conjugate	Unconjugate
Specificity	β-Actin Mouse Monoclonal Antibody detects endogenous levels of β-Actin protein
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, containing 0.02% sodium azide, 0.5% BSA and 50% glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	P60709
Entrez-Gene Id	60

Product Description

β-Actin is one of six different actin isoforms that have been identified. Actins are highly conserved proteins that are involved in cell motility, structure, integrity, and intercellular signaling. The encoded protein is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins that are ubiquitously expressed. Mutations in this gene cause Baraitser-Winter syndrome 1, which is characterized by intellectual disability with a distinctive facial appearance in human patients. Numerous pseudogenes of this gene have been identified throughout the human genome.