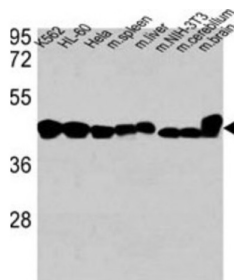
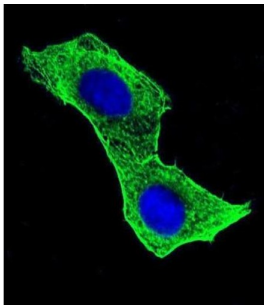


Beta Actin (ACTB) Antibody

Catalogue No.: abx025190



This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins.

Target: Beta Actin (ACTB)

Clonality: Monoclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IHC, IF/ICC, FCM

Host: Mouse

Recommended dilutions: WB: 1/1000, IHC-P: 1/25 - 1/50, IF/ICC: 1/10 - 1/50, FCM: 1/25. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Datasheet

Version: 2.0.0
Revision date: 17 Jun 2025



Conjugation:	Unconjugated
Immunogen:	Human ACTB recombinant protein.
Isotype:	IgG ₁ Kappa
Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P60709 (UniProt , ExPASy)
NCBI Accession:	NP_001092.1
KEGG:	hsa:60
String:	9606.ENSP00000349960
Molecular Weight:	Calculated MW: 41.7 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Cow, Pig, Sheep, Monkey and Xenopus ACTB.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.