

## Anti-Beta-actin Antibody - AcalephFluor488

Catalog #	Source	Reactivity	Applications
CSA6303	Mouse	H, M, R	IF, FC
<b>Description</b>	Mouse monoclonal antibody to Beta-actin AcalephFluor488 labeled		
<b>Immunogen</b>	Recombinant protein corresponding to human Beta-actin.		
<b>Purification</b>	Affinity chromatography		
<b>Specificity</b>	Recognizes endogenous levels of Beta-actin protein.		
<b>Clonality</b>	Monoclonal		
<b>Conjugation</b>	AcalephFluor488		
<b>Form</b>	Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, containing 1% BSA, 50% glycerol, 0.02% Sodium Azide		
<b>Dilution</b>	IF (1/500 - 1/2000), FC (1/1000 - 1/4000)		
<b>Gene Symbol</b>	ACTB		
<b>Alternative Names</b>	Actin cytoplasmic 1; Beta-actin		
<b>Entrez Gene (Human)</b>	<b>Entrez Gene (Mouse)</b>	<b>Entrez Gene (Rat)</b>	
60	11461	81822	
<b>SwissProt (Human)</b>	<b>SwissProt (Mouse)</b>	<b>SwissProt (Rat)</b>	
P60709	P60710	P60711	
<b>Fluorophore</b>	Ex/Em = 490/515 nm		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

### COHESION BIOSCIENCES LIMITED

**WEB**  
[www.cohesionbio.com](http://www.cohesionbio.com)

**ORDER**  
[order@cohesionbio.com](mailto:order@cohesionbio.com)

**SUPPORT**  
[techsupport@cohesionbio.com](mailto:techsupport@cohesionbio.com)

**CUSTOM**  
[custom@cohesionbio.com](mailto:custom@cohesionbio.com)