

ABGT0022: Mouse monoclonal antibody to beta-Actin

Clonality :	Monoclonal
Clone Name :	F929
Application :	ELISA, ICC/IF, IHC, WB
Reactivity :	Sheep, Pig, Monkey, Dog, Rat, Mouse, Human, Bovine, Goat, Rabbit, chicken
Conjugate :	Unconjugated
Gene :	ACTB
Gene ID :	60
Uniprot ID :	P60709
Alternative Name :	ACTB; Actin; cytoplasmic 1; Beta-actin; Beta actin; BRWS1; Actin; beta; Beta cytoskeletal actin; PS1TP5-binding protein 1; PS1TP5BP1;

Description

Specificity: beta-Actin Mouse Monoclonal antibody detects endogenous levels of total beta-Actin protein.

Mol.Wt.: 43KD; 42kD(Calculated).

beta-Actin is one of six different actin isoforms that have been identified. The actin molecules found in cells of various species and tissues tend to be very similar in their immunological and physical properties. Therefore, Antibodies against beta-Actin are useful as loading controls for Western Blotting. However it should be noted that levels of beta-Actin may not be stable in certain cells. For example, expression of beta-Actin in adipose tissue is very low and therefore it should not be used as loading control for these tissues.

Product Info

Amount :	100 µl
Purification :	Affinity-chromatography.
Content :	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Stable for 24 months from date of receipt.
Storage condition :	Store at -20 °C. Stable for 12 months from date of receipt.

Application Note

WB 1:10000-1:320000, IHC 1:50-1:200, IF/ICC: 1:200