

Product Name: HRP-beta Actin Mouse Monoclonal Antibody**Catalog #: AMM80062**

For research use only.

Summary

Host	Mouse
Application	WB
Specificity	endogenous
Reactivity	Human, Mouse, Rat, Hamster, Monkey, Goat, Rabbit, Zebrafish, Saccharomyces cerevisiae, Arabidopsis, Pichia pastoris, Drosophila, Leaf of Rice, Fruit of Cucumber, Chlamydomonas Reinhardtii
Isotype	IgG2b
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Chromatography

Application

Dilution Ratio	WB-1:5000-1:10000
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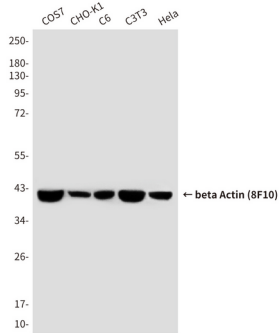
Antigen Information

Gene Name	ACTB
Immunogen	Purified recombinant human beta-actin protein fragments expressed in E.coli.

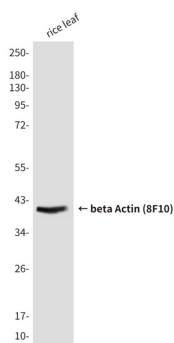
Background

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.

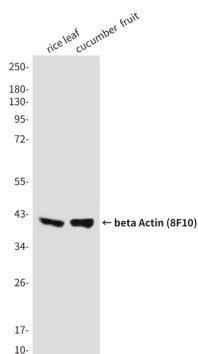
Image Data



Western blot analysis of beta actin in HeLa, 3T3, C6, CHO-K1 and COS7 lysates using beta actin antibody conjugated with HRP.



Western blot analysis of beta actin in rice leaf lysates using beta actin antibody conjugated with HRP.



Western blot analysis of beta actin in rice leaf lysates using beta actin antibody conjugated with HRP.