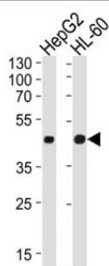


## Beta Actin Antibody [clone 8H10D10] (F40187)

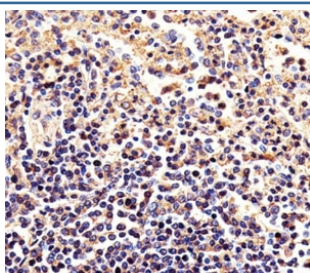
Catalog No.	Formulation	Size
F40187-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40187-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

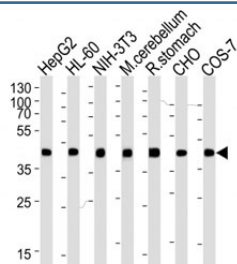
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG
<b>Clone Name</b>	8H10D10
<b>Purity</b>	Purified
<b>UniProt</b>	P60709
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50
<b>Limitations</b>	This beta-Actin antibody is available for research use only.



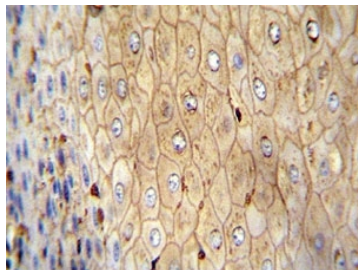
Western blot analysis of lysate from HepG2, HL-60 cell line (left to right) using beta-Actin antibody at 1:1000 for each lane.



Immunohistochemical analysis of paraffin-embedded human spleen using beta-Actin antibody at 1:25 dilution.



Western blot analysis of lysate from HepG2, HL-60, mouse NIH3T3 cell line, mouse cerebellum and rat stomach tissue lysate, CHO, COS-7 lysate (left to right) using beta-Actin antibody at 1:1000 for each lane.



Beta-Actin antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human esophageal carcinoma.

## Description

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. It is classically referred to as being a 'nonmuscle' actin, however expression is ubiquitous, strongly in lymph tissue and weakly in heart and muscle.

## Application Notes

Titration of the beta-Actin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

ACTB recombinant protein was used to produce this monoclonal beta Actin antibody.

## Storage

Aliquot the beta-Actin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.