

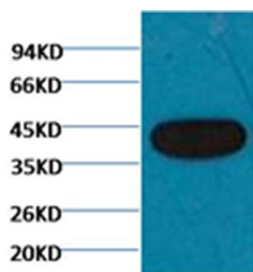
## Anti-Beta-Actin Antibody (8R32)

## Product Details

Reactivity:	Zebrafish
Conjugation:	Unconjugated
Molecular Weight:	Actual: 45 kDa.
Clone:	8R32
Purification:	Affinity purification using immunogen.

## Applications

Verified Activity: 1. Western blot analysis of Zebrafish skeletal muscle, using TMAC-04336 diluted at 1:3,000.



Application:	IF,IHC,WB
Recommended	WB: 1:2000-5000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Uniprot ID:	P60709
Synonyms:	$\beta$ -actin;ACTB; $\beta$ -Actin Protein;Actin Cytoplasmic 1;Beta-Actin

## Research 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  $\beta$ -actin should not be used as loading control for these tissues.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481