

14-3-3 ζ (AB2412) mouse mAb

W0458

Key Features

Host Species

- Mouse

Reactivity

- Human; Rat; Mouse;

Applications

- WB; IF; ELISA

MW

- 28 kDa (calculated)
- 28 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

WB; IF; ELISA

Dilution

WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 μ g/mL.

Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB2412

Immunogen A synthetic peptide corresponding to the amino acid region 1 - 100 of the human 14 - 3 - 3 ζ protein.

Specificity This antibody detects endogenous levels of 14-3-3 ζ protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name YWHAZ

Protein Name 14-3-3 ζ

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P63104	7534

Background

This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse, rat and sheep orthologs. The encoded protein interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. Several transcript variants that differ in the 5' UTR but that encode the same protein have been identified for this gene. [provided by RefSeq, Oct 2008],