

Datasheet for ABIN2688837
anti-14-3-3 theta antibody



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Overview

Quantity:	50 µg
Target:	14-3-3 theta (YWHAQ)
Reactivity:	Human, Mouse, Rat, Dog, Chicken, Frog
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This 14-3-3 theta antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Human 14-3-3
Clone:	12-14-3
Isotype:	IgM
Characteristics:	The family of 14-3-3 proteins has been implicated in numerous cellular processes such as neurotransmission, phospholipase activity, and calcium signaling. The 14-3-3 protein can associate with several proteins involved in cell proliferation, such as Raf-1, Bcr-Abl, middle T antigen, and CDC25 phosphatase. It appears that 14-3-3 proteins enhance the kinase activity of the Raf proto-oncogene equally as well as Ras, thus, implicating 14-3-3 proteins in the Raf/Ras/Map kinase signaling pathway. However, in spite of 14-3-3 direct association with the CDC25 phosphatase, this interaction does not increase the phosphatase activity. It has been reported that this antibody detects 14-3-3 subunits β , γ , η , θ , and ζ , but not ϵ nor σ . Western blot analysis of 14-3-3 on a HeLa cell lysate (Human cervical epitheloid carcinoma, ATCC CCL-

Product Details

2.2). Lane 1: 1: 1000, lane 2: 1:2000, lane 3: 1:4000 dilution of the Mouse Anti- 14-3-3 antibody.
Immunofluorescence staining of SKN cells (Human neuroblastoma).

BD Transduction Laboratories™ Purified Mouse Anti- 14-3-3 - Purified - Clone 12/14-3-3 -
Isotype Mouse IgM - Reactivity Hu, Chick, Dog, Frog, Ms, Rat - 50 µg

Purification: The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

Target Details

Target: 14-3-3 theta (YWHAQ)
Alternative Name: 14-3-3 ([YWHAQ Products](#))
Molecular Weight: 29 kDa
Pathways: [Apoptosis](#), [Myometrial Relaxation and Contraction](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.
Restrictions: For Research Use only

Handling

Concentration: 250 µg/mL
Buffer: Aqueous buffered solution containing BSA, glycerol, and ≤0.09 % sodium azide.
Preservative: Sodium azide
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage: -20 °C
Storage Comment: Store undiluted at -20°C.