

Zyxin Mouse Monoclonal Ab

Images(4)

Cat.#: BF8057 Concn.: ~1mg/ml Mol.Wt.: 70~80kDa Size: 100ul Source: Mouse Clonality: Monoclonal

Application: IHC 1:50-1:200, WB 1:1000-1:10000

*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Rat

Storage: Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH

7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.

Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

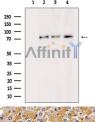
Immunogen: A synthesized peptide derived from human Zyxin.

Uniprot: Q15942

Description: The zyxin family of proteins includes LIMD1, ajuba, trip6 and zyxin, each

of which contains three LIM domains at the carboxy-terminus. Zyxin family members associate with the actin cytoskeleton and are components of both the cell-cell junction adhesive complex and the integrin-mediated adhesive complex. They shuttle in and out of the nucleus where they may function in transcriptional activation. Zyxin is involved in the regulation of mechanical force-induced actin polymerization at focal adhesions, and in regulation of adhesion and migration, possibly through recruitment of Ena/VASP proteins to focal adhesions. Zyxin interacts with and may regulate the function of the tumor suppressor myopodin, which inhibits tumor growth and metastasis

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Western blot analysis of extracts from various samples, using Zyxin Mouse Monoclonal Ab(1:10k, 10s exp).

Lane 1: mouse spleen tissue treated with blocking-peptides,

Lane 2: mouse spleen tissue, Lane 3: rat brain tissue, Lane 4: K562 cells.

BF8057 at 1/100 staining mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-mouse Ab was used as the secondary Ab.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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