



SRC-1 (Phospho Thr1179) mouse mAb

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| Catalog No | BYmab-10426 |
| Isotype | IgG |
| Reactivity | Human;Mouse |
| Applications | WB |
| Gene Name | NCOA1 BHLHE74 SRC1 |
| Protein Name | SRC-1 (Phospho Thr1179) |
| Immunogen | Synthesized peptide derived from human SRC-1 (Phospho Thr1179) |
| Specificity | This antibody detects endogenous levels of Human,Mouse SRC-1 (Phospho Thr1179) |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Monoclonal, Mouse,IgG |
| Purification | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | Nuclear receptor coactivator 1 (NCoA-1;EC 2.3.1.48;Class E basic helix-loop-helix protein 74;bHLHe74;Protein Hin-2;RIP160;Renal carcinoma antigen NY-REN-52;Steroid receptor coactivator 1;SRC-1) |
| Observed Band | 158kD |
| Cell Pathway | Nucleus . |
| Tissue Specificity | Widely expressed. |
| Function | catalytic activity:Acetyl-CoA + histone = CoA + acetylhistone.,disease:A chromosomal aberration involving NCOA1 is a cause of rhabdomyosarcoma. Translocation t(2;2)(q35;p23) with PAX3 generates the NCOA1-PAX3 oncogene consisting of the N-terminus part of PAX3 and the C-terminus part of NCOA1. The fusion protein acts as a transcriptional activator. Rhabdomyosarcoma is the most common soft tissue carcinoma in childhood, representing 5-8% of all malignancies in children.,domain:Contains 7 Leu-Xaa-Xaa-Leu-Leu (LXXLL) motifs. LXXLL motifs 3, 4 and 5 are essential for the association with nuclear receptors. LXXLL motif 7, which is not present in isoform 2, increases the affinity |

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for steroid receptors in vitro.,domain:The C-terminal (1107-1441) part mediates the histone acetyltransferase (HAT) activity.,function:Nuclear receptor coactivator that directly binds nuclear receptors and stimulates t

Background

The protein encoded by this gene acts as a transcriptional coactivator for steroid and nuclear hormone receptors. It is a member of the p160/steroid receptor coactivator (SRC) family and like other family members has histone acetyltransferase activity and contains a nuclear localization signal, as well as bHLH and PAS domains. The product of this gene binds nuclear receptors directly and stimulates the transcriptional activities in a hormone-dependent fashion. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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