

Product: Anti-SIRP α (SHPS-1, MyD-1, BIT, p84)
Catalog #: 12-1125
Amount: 25 mg

CATEGORY:
DESCRIPTION:

Rabbit Polyclonal

A novel SHP-2 associated glycoprotein was recently cloned from human, rat, mouse and cattle by several labs and was designated SIRP α , SHPS-1, MyD-1, BIT and p84. SIRP α is a new gene family containing at least fifteen members. SIRP α is a substrate of many activated tyrosine kinases such as insulin receptor, EGFR, PDGFR and src, and a specific docking protein for SHP-2. SIRP α has regulatory effects on cellular responses induced by serum, growth factors, insulin, oncogenes, growth hormones and cell adhesion and plays a general role in different physiological and pathological processes.

FORM:
IMMUNOGEN:

Purified IgG in PBS containing 0.02% Sodium Azide

A peptide corresponding to amino acids 487 to 503 of human SIRP α . The sequences of immunogenic peptide differ from those of mouse, rat and bovine by one amino acid.

APPLICATION:
REACTIVITY/SPECIES:
RECOMMENDED FOR POSITIVE CONTROL:

Immunoblotting (min. dilution 1:500)

Human

STORAGE:

whole cell lysate from THP-1 cells (75-110 kDa band should be detected)

2-8°C for immediate use, or at -20°C (aliquot)

12-1125P Blocking peptide available

REFERENCES:

Chinnaiyan AM, et al. (1996) Nature **274**: 990-992
Kitson, J. et al. (1996) Nature **384**: 372-375
Marsters, SA. et al. (1996) Curr Biol. **6**: 1669-1676
Bodmer, JL. et al. (1997) Immunity **6**: 79-88
Screaton, GR. et al. (1997) Proc. Natl. Acad Sci USA **94**: 4615-4619

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