

A Reliable Research Partner in Life Science and Medicine

Recombinant Phospho-Raf-B (Thr401) Monoclonal Antibody

catalog number: AN300708L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen A synthetic peptide corresponding to residues around (Thr401) of Human Phospho-

Raf-B

 Host
 Rabbit

 Isotype
 IgG,κ

 Clone
 B647

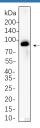
 Purification
 Protein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:2000-1:10000

Data



Western Blot with Recombinant Phospho-Raf-B (Thr401)

Monoclonal Antibody at dilution of 1:1000 dilution. Lane A:

Hela whole cell lysate.

Observed-MW:84 kDa

Calculated-MW:84 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

This gene encodes a protein belonging to the raf/mil family of serine/threonine protein kinases. This protein plays a role in regulating the MAP kinase/ERKs signaling pathway, which affects cell division, differentiation, and secretion. Mutations in this gene are associated with cardiofaciocutaneous syndrome, a disease characterized by heart defects, mental retardation and a distinctive facial appearance. Mutations in this gene have also been associated with various cancers, including non-Hodgkin lymphoma, colorectal cancer, malignant melanoma, thyroid carcinoma, non-small cell lung carcinoma, and adenocarcinoma of lung. A pseudogene, which is located on chromosome X, has been identified for this gene.