TRIP11 monoclonal antibody, clone 10G5

Catalog # MAB2172 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant TRIP11.
Immunogen	Recombinant GST fusion protein corresponding to amino acids 1099-1372 of TRIP11.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes human Trip230, a 230 kD protein. Trip230 interacts with Retinoblasoma Pr otein (Rb) and thyroid hormone receptor using two distinct domains.
Form	Liquid
Isotype	IgG1, kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	Western Blot (1-5 ug/mL) Immunoprecipitation (1-5 ug/mL) Immunofluorescence (1-5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunoprecipitation

Gene Info — TRIP11

Entrez GeneID	9321
Gene Name	TRIP11
Gene Alias	CEV14, GMAP-210, TRIP230
Gene Description	thyroid hormone receptor interactor 11
Omim ID	604505
Gene Ontology	Hyperlink
Gene Summary	TRIP11 was first identified through its ability to interact functionally with thyroid hormone receptor-beta (THRB; MIM 190160). It has also been found in association with the Golgi apparatus and mic rotubules.[supplied by OMIM
Other Designations	thyroid receptor interacting protein 11

Publication Reference

- Thyroid hormone, T3-dependent phosphorylation and translocation of Trip230 from the Golgi complex to the nucleus.

  Chen Y, Chen PL, Chen CF, Sharp ZD, Lee WH.

  PNAS 1999 Apr; 96(8):4443.

  Application: IF, IP, WB-Ce, WB-Tr, Human, Monkey, CV1, T24 cells

- A thyroid hormone receptor coactivator negatively regulated by the retinoblastoma protein.

  Chang KH, Chen Y, Chen TT, Chou WH, Chen PL, Ma YY, Yang-Feng TL, Leng X, Tsai MJ, O'Malley BW, Lee WH.

  PNAS 1997 Aug; 94(17):9040.

  Application: IP, Human, T24 cells

Disease

- Diabetes Mellitus
- Genetic Predisposition to Disease
- Thyroid Neoplasms