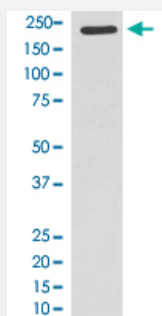


TSC2 monoclonal antibody, clone EGD-20

Catalog # MAB20820 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Jurkat cell lysate with TSC2 monoclonal antibody, clone EGD-20 (Cat # MAB20820).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human TSC2.

Immunogen A synthetic peptide corresponding to human TSC2.

Host Rabbit

Theoretical MW (kDa) 200.608

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage
 Flow Cytometry (1:50)
 Immunohistochemistry (1:50-1:200)
 Western Blot (1:500-1:2000)
 The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Jurkat cell lysate with TSC2 monoclonal antibody, clone EGD-20 (Cat # MAB20820).

- Immunohistochemistry

- Flow Cytometry

Gene Info — TSC2

Entrez GeneID[7249](#)**Protein Accession#**[P49815](#)**Gene Name**

TSC2

Gene Alias

FLJ43106, LAM, TSC4

Gene Description

tuberous sclerosis 2

Omim ID[191092](#) [191100](#) [606690](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Mutations in this gene lead to tuberous sclerosis complex. Its gene product is believed to be a tumor suppressor and is able to stimulate specific GTPases. The protein associates with hamartin in a cytosolic complex, possibly acting as a chaperone for hamartin. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

tuberin

Pathway

- [Insulin signaling pathway](#)

- [mTOR signaling pathway](#)

- [p53 signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Colonic Neoplasms](#)
- [Cysts](#)
- [Depressive Disorder](#)
- [Epilepsy](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Malformations of Cortical Development](#)
- [Mental Disorders](#)
- [NARP](#)
- [Pigmentation Disorders](#)
- [Rectal Neoplasms](#)
- [Tuberous sclerosis](#)
- [Urinary Bladder Neoplasms](#)