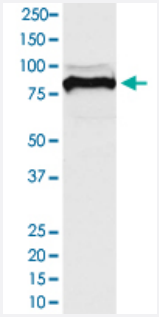
TGFBR2 monoclonal antibody, clone ABFE-20

Catalog # MAB20776 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of A549 cell lysate with TGFBR2 monoclonal antibody, clone ABFE-20 (Cat # MAB20776).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human TGFBR2.
Immunogen	A synthetic peptide corresponding to human TGFBR2.
Host	Rabbit
Theoretical MW (kDa)	64.568
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	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 st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

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

Applications

- Western Blot (Cell lysate)

  Western Blot analysis of A549 cell lysate with TGFBR2 monoclonal antibody, clone ABFE-20 (Cat # MAB20776).

Gene Info — TGFBR2

Entrez GeneID	7048
Protein Accession#	P37173
Gene Name	TGFBR2
Gene Alias	AAT3, FAA3, LDS1B, LDS2B, MFS2, RIIC, TAAD2, TGFR-2, TGFbeta-RII
Gene Description	transforming growth factor, beta receptor II (70/80kDa)
Omim ID	133239 154705 190182 608967 609192
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the Ser/Thr protein kinase family and the TGFB receptor subfam ily. The encoded protein is a transmembrane protein that has a protein kinase domain, forms a he terodimeric complex with another receptor protein, and binds TGF-beta. This receptor/ligand com plex phosphorylates proteins, which then enter the nucleus and regulate the transcription of a subs et of genes related to cell proliferation. Mutations in this gene have been associated with Marfan Syndrome, Loeys-Deitz Aortic Aneurysm Syndrome, and the development of various types of tum ors. Alternatively spliced transcript variants encoding different isoforms have been characterized. [provided by RefSeq
Other Designations	TGF-beta receptor type IIB|TGF-beta type II receptor|transforming growth factor beta receptor type IIC|transforming growth factor, beta receptor II|transforming growth factor, beta receptor II (70-80k D)

Pathway

- Adherens junction
- Chronic myeloid leukemia

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- Colorectal cancer
- Cytokine-cytokine receptor interaction
- Endocytosis
- MAPK signaling pathway
- Pancreatic cancer
- Pathways in cancer
- TGF-beta signaling pathway

Disease

- Abnormalities
- Aneurysm
- Aortic Aneurysm
- Aortic Rupture
- Asthma
- Atherosclerosis
- Autoimmune Diseases
- Breast cancer
- Breast Neoplasms
- Brief Psychiatric Rating Scale
- Carcinoma
- Cardiovascular Diseases
- Cleft Lip
- Cleft Palate

- Colon cancer
- Colonic Neoplasms

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- Colorectal Neoplasms
- Depressive Disorder
- Diabetes Mellitus
- Diabetic Nephropathies
- Dilatation
- Disease Progression
- Ductus Arteriosus
- Edema
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Genomic Instability
- Head and Neck Neoplasms
- Heart Defects
- Helicobacter Infections
- Hepatitis C
- Infant
- Intracranial Aneurysm
- Keloid
- Kidney Failure
- Laryngeal Neoplasms
- Liver Cirrhosis
- Lupus Erythematosus
- Marfan syndrome
- Meningeal Neoplasms
- Meningioma
- Microsatellite Instability

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- Mouth Neoplasms
- Neoplasms
- Obesity
- Osteoporosis
- Ovarian Failure
- Pancreatic cancer
- Pancreatic Neoplasms
- Pharyngeal Neoplasms
- Polycystic Ovary Syndrome
- Puberty
- Schizophrenia
- Stomach Neoplasms
- Stroke
- Syndrome
- Thrombophilia
- Tobacco Use Disorder
- Vitiligo

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