RecomAb™

TGFA recombinant monoclonal antibody, clone R07-6J8

Catalog # RAB01868 Size 100 uL

Applications

Western Blot

Western blot analysis of K562 lysates with TGFA recombinant monoclonal antibody, clone R07-6J8 (Cat # RAB01868).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TGFA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human TGFA.
Theoretical MW (kDa)	Calculated MW: 17 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunoprecipitation

Gene Info — TGFA

Entrez GeneID	7039
Protein Accession#	P01135
Gene Name	TGFA
Gene Alias	TFGA
Gene Description	transforming growth factor, alpha
Omim ID	190170
Gene Ontology	Hyperlink
Gene Summary	Transforming growth factors (TGFs) are biologically active polypeptides that reversibly confer the t ransformed phenotype on cultured cells. TGF-alpha shows about 40% sequence homology with e pidermal growth factor (EGF; MIM 131530) and competes with EGF for binding to the EGF recep tor (MIM 131550), stimulating its phosphorylation and producing a mitogenic response.[supplied by OMIM
Other Designations	transforming growth factor-alpha

Pathway

- ErbB signaling pathway

- Glioma
- Non-small cell lung cancer
- Pancreatic cancer
- Pathways in cancer
- Prostate cancer
- Renal cell carcinoma

Disease

- Adenocarcinoma
- Anodontia
- Carcinoma
- Cardiovascular Diseases
- Cleft Lip
- Cleft Palate
- Diabetes Mellitus
- Disease Models
- Drug Toxicity
- Edema
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Hepatitis B
- Irritable Bowel Syndrome
- Liver Neoplasms
- Mouth Neoplasms
- Pre-Eclampsia
- Prenatal Exposure Delayed Effects

- Stomach Neoplasms
- Tobacco Use Disorder
- Tooth Abnormalities
- Uniparental Disomy