
Product Name: TGF β Receptor I(TGFR1) Mouse Monoclonal Antibody**Catalog #: AMM21983**

For research use only.

Summary

Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,IF,ELISA
Reactivity	Human,Mouse,Rat,Bovin
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2a,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Purification	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

Application

Dilution Ratio	IHC 1:50-200;IF 1:50-200;ELISA 1:500-5000
Molecular Weight	Calculated MW:55kDa,Observed MW:55kDa

Antigen Information

Gene Name	TGFBR1 ALK5 SKR4
Alternative Names	
Gene ID	Human:7046
SwissProt ID	Human:P36897
Immunogen	Synthesized peptide derived from human TGF β Receptor I AA range: 34-100

Background

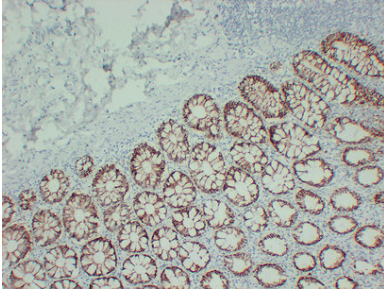
The protein encoded by this gene forms a heteromeric complex with type II TGF-beta receptors when bound to TGF-beta, transducing the TGF-beta signal from the cell surface to the cytoplasm. The encoded protein is a serine/threonine protein kinase. Mutations in this gene have been associated with Loeys-Dietz aortic aneurysm syndrome (LDAS). Multiple transcript

variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008],

Research Area

Pathology

Image Data



Immunohistochemical analysis of paraffin-embedded Colon. 1, Antibody was diluted at 1:200(4°,overnight). 2, Citric acid ,pH6.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min).