PRODUCT DATA SHEET

TGFβ RI (phospho Ser165) Polyclonal Antibody

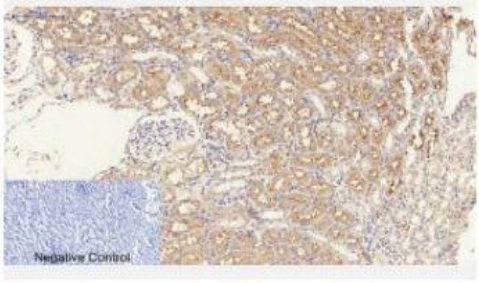
Catalog No.	IPH0011
Reactivity	Human;Mouse;Rat
Applications	WB; IHC; IF; ELISA
Gene Name	TGFBR1
Protein Name	TGF-beta receptor type-1
Human Gene Id	7046
Swiss-Prot	P36897
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit
Dilution	WB: 1:500-2000 IF: 1:50-300 IHC: 1:50-300 ELISA 1:5000-20000
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
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.
Subcellular Location	Cell membrane; Single-pass type I membrane protein. Cell junction, tight junction. Cell surface . Membrane raft.
BiowMW	56kD (Calculated)

Products Images:

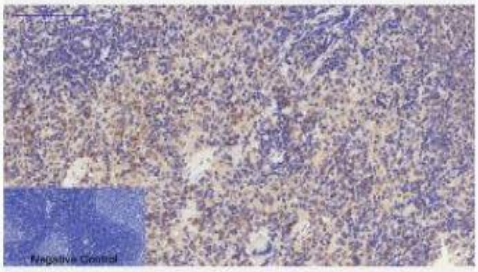


Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1,TGFβ RI (phospho Ser165) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.

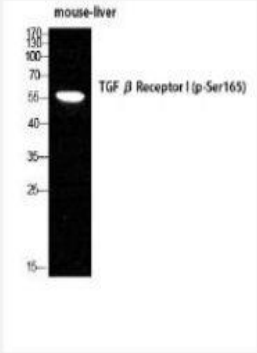
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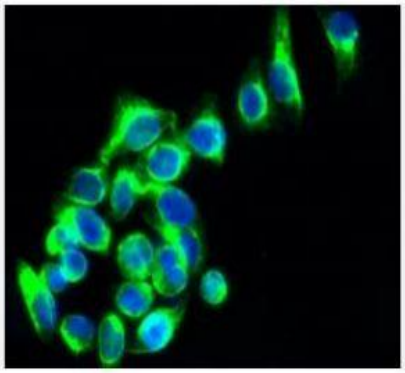
Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1,TGFβ RI (phospho Ser165) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Rat-spleen tissue. 1,TGFβ RI (phospho Ser165) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Western Blot analysis of MOUSE-LIVER cells using Phospho-TGFβ RI (S165) Polyclonal Antibody diluted at 1:1000



Immunofluorescence analysis of HepG2 cells, Antibody diluted at 1:50. The picture on the right is blocked with the synthesized peptide.