

Datasheet for ABIN802233

anti-IGF1R antibody (pTyr1165, pTyr1166)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	IGF1R
Binding Specificity:	pTyr1165, pTyr1166
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human IGF1R around the phosphorylation site of Tyr1165+Tyr1166
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	IGF1R
Alternative Name:	IGF1R + (IGF1R Products)
Background:	Synonyms: IGF-1R Tyr1165/Tyr1166, IGF1R phospho Y1165+Y1166, IGF1R phospho

Target Details

Tyr1165+Tyr1166, p-IGF1R Tyr1165+Tyr1166, CD221, CD221 antigen, IGF 1 receptor, IGF 1R, IGF I receptor, IGF1R, IGFIR, IGFIRC, Insulin like growth factor 1 receptor, Insulin like growth factor 1 receptor precursor, JTK13, MGC142170, MGC142172, IGF1 Receptor, IGF1R_HUMAN.
Background: This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. [provided by RefSeq, Jul 2008].

Gene ID: 3480

UniProt: [P08069](#)

Pathways: [RTK Signaling](#), [Regulation of Hormone Metabolic Process](#), [Regulation of Hormone Biosynthetic Process](#), [Autophagy](#)

Application Details

Application Notes: ELISA 1:500-1000
FCM 1:20-100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

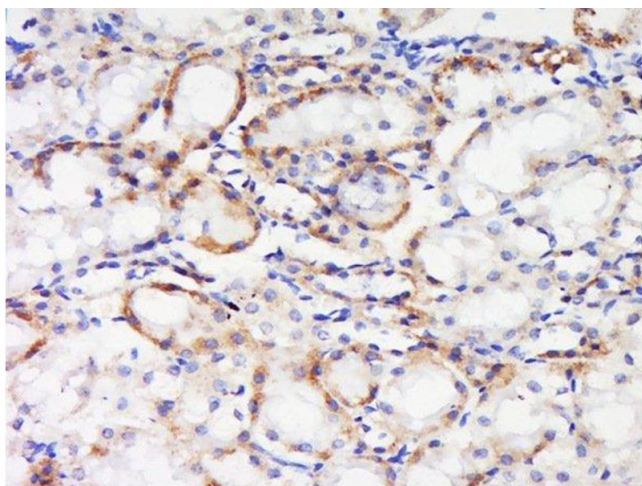
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Paraformaldehyde-fixed, paraffin embedded rat kidney tissue, Antigen retrieval by boiling in sodium citrate buffer(pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Rabbit Anti-IGF1R (Tyr1165 + Tyr1166) Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary and DAB staining