

Datasheet for ABIN7426331
anti-IGF1R antibody (AA 763-955)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	IGF1R
Binding Specificity:	AA 763-955
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IGF1R antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Insulin Like Growth Factor 1 Receptor (IGF1R)
Immunogen:	Recombinant Insulin Like Growth Factor 1 Receptor (IGF1R) corresponding to Tyr763~Leu955 with N-terminal His Tag
Clone:	C2
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IGF1R. It has been selected for its ability to recognize IGF1R in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	IGF1R
Alternative Name:	IGF1R (IGF1R Products)
Background:	CD221, IGF1-R, IGFIR, JTK13
UniProt:	P08069
Pathways:	RTK Signaling , Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Autophagy

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months