

IGF1R (CD221) Polyclonal Antibody

Product Details

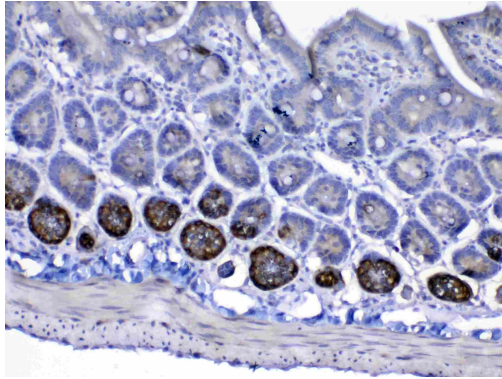
Size	100 µg
Species Reactivity	Mouse, Rat
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived mouse IGF1 Receptor recombinant protein (Position: E31-K257).
Form	Lyophilized
Purification	Antigen affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	0.05mg sodium azide
Storage Conditions	-20°C
RRID	AB_2746561

Applications	Tested	Dilution	Published
Immunohistochemistry (Paraffin) (IHC (P))	✓	0.5-1 µg/mL	
Western Blot (WB)	✓	0.1-0.5 µg/mL	

Product Specific Information

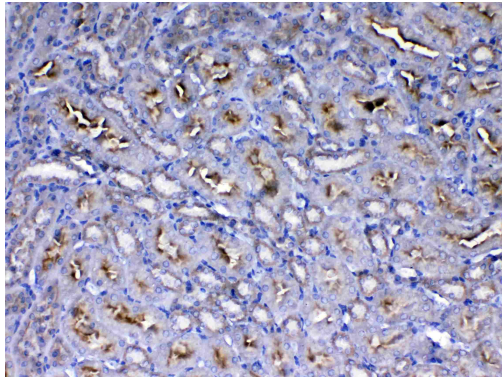
Add 0.2 mL of distilled water, will yield a concentration of 500 µg/mL.

Product Images For IGF1R (CD221) Polyclonal Antibody



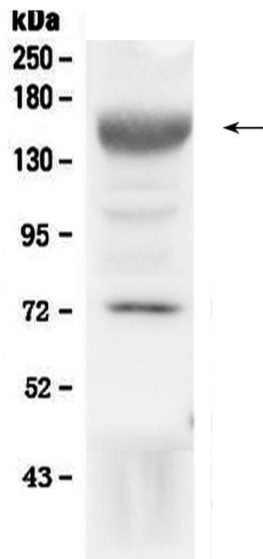
IGF1R (CD221) Antibody (PA5-79445) in IHC (P)

Immunohistochemistry analysis of IGF1R (CD221) on paraffin-embedded mouse small intestine tissue. Antigen retrieval was performed using citrate buffer (pH6, epitope retrieval solution) for 20 mins. Sample was blocked using 10% goat serum, incubated with IGF1R (CD221) polyclonal antibody (Product# PA5-79445) with a dilution of 1 $\mu\text{g}/\text{mL}$ (overnight at 4°C), and followed by biotinylated goat anti-rabbit IgG (30 minutes at 37°C). Development was performed using Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.



IGF1R (CD221) Antibody (PA5-79445) in IHC (P)

Immunohistochemistry analysis of IGF1R (CD221) on paraffin-embedded mouse kidney tissue. Antigen retrieval was performed using citrate buffer (pH6, epitope retrieval solution) for 20 mins. Sample was blocked using 10% goat serum, incubated with IGF1R (CD221) polyclonal antibody (Product# PA5-79445) with a dilution of 1 $\mu\text{g}/\text{mL}$ (overnight at 4°C), and followed by biotinylated goat anti-rabbit IgG (30 minutes at 37°C). Development was performed using Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.



IGF1R (CD221) Antibody (PA5-79445) in WB

Western blot analysis of IGF1R (CD221) in Lane 1: mouse liver tissue lysate using 50 μg (reducing conditions) per well. Electrophoresis was performed on 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours and protein was transferred to a nitrocellulose membrane at 150mA for 50-90 minutes. Sample was blocked with 5% Non-fat Milk/TBS for 1.5 hours at room temperature, incubated with IGF1R (CD221) polyclonal antibody (Product # PA5-79445) at a dilution of 0.5 $\mu\text{g}/\text{mL}$ (overnight at 4°C), followed by goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10,000. Signal development was performed using a chemiluminescence (ECL) kit.

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