

FGF16 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Host/Isotype	Sheep / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E. coli-derived recombinant human FGF-16 Ala2-Arg207
Form	Lyophilized
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2610278

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	3-15 µg/mL	-
Immunohistochemistry (Frozen) (IHC (F))	3-15 µg/mL	-
Immunocytochemistry (ICC/IF)	5-15 µg/mL	-
Neutralization (Neu)	3-9 µg/mL	-

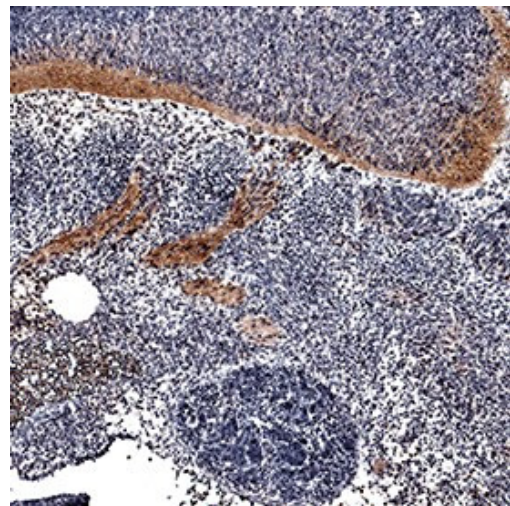
Product Specific Information

In direct ELISAs, less than 1% cross-reactivity with recombinant human (rh) FGF acidic, rhFGF basic, rhFGF-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -17, -18, -19, -21, -23, recombinant mouse (rm) FGF-8b, and rmFGF-15 is observed.

Reconstitute at 0.2 mg/mL in sterile PBS.

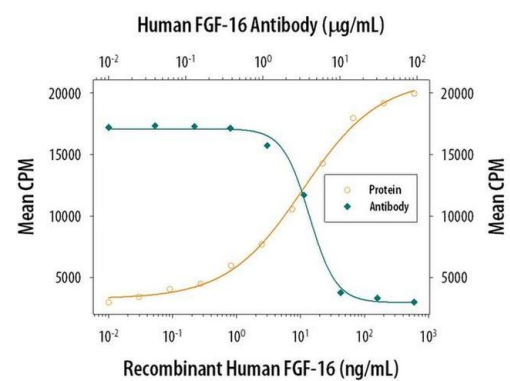
Endoxin level is <0.10 EU per 1 µg of the antibody by the LAL method.

Product Images For FGF16 Polyclonal Antibody



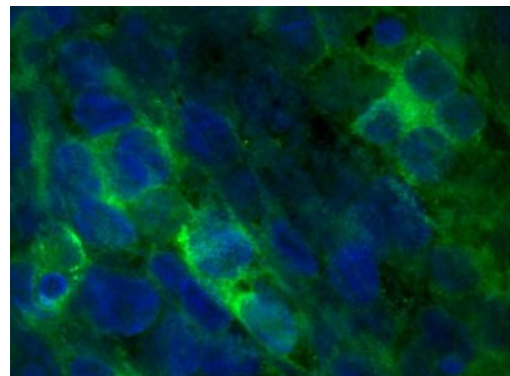
FGF16 Antibody (PA5-47988) in IHC (F)

Immunohistochemical analysis of FGF16 in perfusion fixed frozen sections of mouse embryo (13 d.p.c.). Samples were incubated in FGF16 polyclonal antibody (Product # PA5-47988) using a dilution of 15 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Sheep HRP-DAB Cell & Tissue Staining Kit (brown) and counterstained with hematoxylin (blue). Specific staining was localized to roots of dorsal ganglia and spinal cord.



FGF16 Antibody (PA5-47988)

Neutralization antibody testing demonstrates the specificity of an antibody through a correlation between antibody binding and the activity of the target. Neutralization of FGF16 is shown by the decrease in mean CPM (count per minute- counted radioactivity- measure of cell proliferation) with increasing concentrations of FGF16 Polyclonal Antibody (PA5-47988). {Neu}



FGF16 Antibody (PA5-47988) in ICC/IF

Immunocytochemistry analysis of FGF16 in immersion fixed human induced pluripotent stem (iPS) cells differentiated into cardiomyocytes. Samples were incubated in FGF16 polyclonal antibody (Product # PA5-47988) using a dilution of 8 µg/mL for 3 hours at room temperature followed by NorthernLights™ 493-conjugated Anti-Sheep IgG Secondary Antibody (green) and counterstained with DAPI (blue). Specific staining was localized to cytoplasm.

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