

# FITC Polyclonal Antibody

## Product Details

Size	100 µg
Species Reactivity	Chemical
Published Species	Tag, Chemical
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	FITC
Form	Liquid
Concentration	0.25 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533978

Applications	Tested Dilution	Publications
Western Blot (WB)	0.5-1 µg	4 Publications
Immunohistochemistry (IHC)	Assay-dependent	9 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	-	2 Publications
Immunocytochemistry (ICC/IF)	-	4 Publications
ELISA (ELISA)	0.5-1.0 µg/mL	-
Immunoprecipitation (IP)	Assay-dependent	1 Publication
Immunomicroscopy (IM)	-	1 Publication
In Situ Hybridization (ISH) (ISH)	-	1 Publication
Miscellaneous PubMed (Misc)	-	1 Publication

## Product Specific Information

This antibody was purified from serum of rabbit hyper-immunized with FITC conjugated to KLH. The antibody was purified by antigen-specific matrix. The antibody reacts with FITC but not the carrier protein. Useful as a secondary antibody in a wide range of immunoassays including: ELISA, tissue and cell staining, immunoprecipitation, and western blotting. The protein concentration is determined based on an E (1%) = 14 at 280 nm.

Western Blot (4)

JCI insight	Year 2021
<b>Potent antitumor effects of cell-penetrating peptides targeting STAT3 axis.</b>	Species Chemical
"71-1900 was used in Chromatin immunoprecipitation to generate cell-penetrating acetylated (acet.) STAT3, c-Myc, and Gp130 targeting peptides by attaching phosphorothioated (PS) polymer backbone to peptides."	
Authors: Aftabizadeh M,Li YJ,Zhao Q,Zhang C,Ambaye N,Song J,Nagao T,Lahtz C,Fakih M,Ann DK,Yu H,Herrmann A	
eLife	Year 2020
<b>Reactive oxygen species oxidize STING and suppress interferon production.</b>	Species Chemical
"71-1900 was used in Western Blotting to reveal that reactive oxygen species (ROS) orchestrates anti-viral immune responses, which can be exploited by viruses to evade cellular defenses."	
Authors: Tao L,Lemoff A,Wang G,Zarek C,Lowe A,Yan N,Reese TA	
Dilution 1:2000	

View more WB references on thermofisher.com

Immunohistochemistry (9)

Pharmaceutics	Year 2021
<b>Selective Targeting and Tissue Penetration to the Retina by a Systemically Administered Vascular Homing Peptide in Oxygen Induced Retinopathy (OIR).</b>	Species Tag
"71-1900 was used in Immunohistochemistry to explore whether the vascular homing peptide CAR (CARSKNKDC) which recognizes angiogenic blood vessels can be used to target the retina in oxygen-induced retinopathy."	
Authors: Vähätupa M,Salonen N,Uusitalo-Järvinen H,Järvinen TAH	
eLife	Year 2021
<b>Matriptase activation of Gq drives epithelial disruption and inflammation via RSK and DUOX.</b>	Species Chemical
"71-1900 was used in Immunohistochemistry to elucidate the carcinogenic effects of increased Matriptase activity."	
Authors: Ma J,Scott CA,Ho YN,Mahabaleshwar H,Marsay KS,Zhang C,Teow CK,Ng SS,Zhang W,Tergaonkar V,Partridge LJ,Roy S,Amaya E,Carney TJ	
Dilution 1:200	

View more IHC references on thermofisher.com

More applications with references on thermofisher.com

- IHC (P) (1)
- IHC (F) (2)
- ICC/IF (4)
- IP (1)
- IM (1)
- ISH (1)
- Misc (1)

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