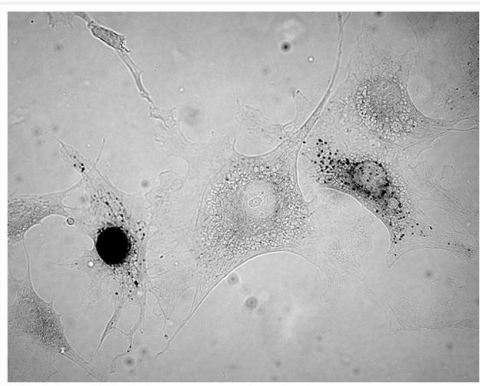


# Fluorescein/Oregon Green Polyclonal Antibody, HRP

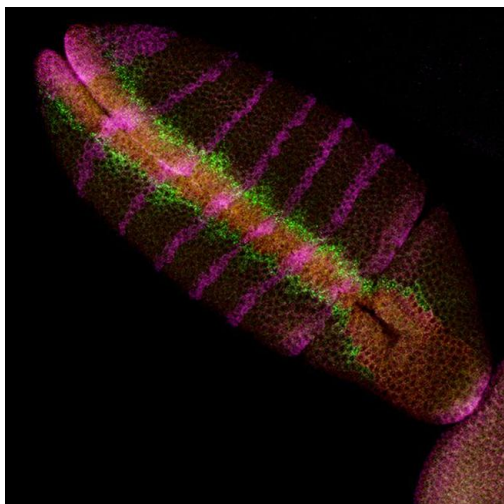
Product Details	
Size	500 µg
Species Reactivity	Chemical
Published Species	Chemical
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	HRP
Immunogen	Fluorescein/Oregon Green
Form	Liquid
Purification	IgG fraction
Storage buffer	0.1M potassium phosphate, pH 8
Contains	no preservative
Storage conditions	-20°C
RRID	AB_2535819

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	Assay-dependent	5 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	5 Publications
Immunocytochemistry (ICC/IF)	Assay-dependent	1 Publication
ELISA (ELISA)	Assay-dependent	2 Publications
Miscellaneous PubMed (Misc)	-	3 Publications



### Fluorescein/Oregon Green Antibody (A-21253) in ICC/IF

Nuclear and nonnuclear incorporation of 5-bromo-2'-deoxyuridine in live cells. Bovine pulmonary arterial endothelial (BPAAE) cells were labeled with 5-bromo-2'-deoxyuridine (BrdU, Product # B23151) applied at a concentration of 10  $\mu$ M for 30 minutes. After fixation with 4% formaldehyde in phosphate-buffered saline for 30 minutes, chromatin was denatured by treatment with 2 M HCl for 20 minutes. Incorporated BrdU was detected with mouse monoclonal anti-bromodeoxyuridine antibody (Product # A21300) followed by HRP-conjugated goat anti-mouse IgG antibody and Oregon Green® 488 tyramide (TSA Kit #9, Product # T-20919). Tyramide labeling was further amplified and converted for visualization by bright-field microscopy by detection of the Oregon Green® 488 dye hapten using the HRP conjugate of anti-fluorescein/Oregon Green® antibody (Product # A-21253) and diaminobenzidine (DAB) staining. Both nuclear and non-nuclear (presumably mitochondrial) incorporation of BrdU is clearly visible in the resulting image.



### Fluorescein/Oregon Green Antibody (A-21253) in IHC

Multiplex FISH detection using FISH Tag™ RNA and TSA kits combined in a whole mount *Drosophila* embryo. The expression of Kruppel (magenta) and rhomboid (orange) were detected using FISH Tag™ RNA Kits with Alexa Fluor® 647 dye (Product # F32955) and Alexa Fluor® 555 dye (Product # F32953) or the Multicolor Kit (Product # F32956). The expression of dpp was performed with a fluorescein-labeled RNA probe (ChromaTide® fluorescein-12-UTP, Product # C7603) and detected with TSA™ Kit #2 with Alexa Fluor® 488 tyramide (Product # T-20912) and anti-fluorescein/Oregon Green®, rabbit IgG fraction, horseradish peroxidase conjugate (Product # A-21253).

## Immunohistochemistry (5)

eLife

### Functional properties of stellate cells in medial entorhinal cortex layer II.

"A-21253 was used in Immunohistochemistry-immunofluorescence to identify stellate cells and characterise their firing properties in freely moving mice."

Authors: Rowland DC, Obenaus HA, Skytøen ER, Zhang Q, Kentros CG, Moser EI, Moser MB

**Species**  
Chemical

**Dilution**  
1:1000

**Year**  
2018

Nature communications

### A CDC42EP4/septin-based perisynaptic glial scaffold facilitates glutamate clearance.

"A-21253 was used in Immunohistochemistry to study whether a CDC42EP4/septin-based glial scaffold facilitates perisynaptic localisation of GLAST and optimises the efficiency of glutamate-buffering and clearance."

Authors: Ageta-Ishihara N, Yamazaki M, Konno K, Nakayama H, Abe M, Hashimoto K, Nishioka T, Kaibuchi K, Hattori S, Miyakawa T, Tanaka K, Huda F, Hirai H, Hashimoto K, Watanabe M, Sakimura K, Kinoshita M

**Species**  
Chemical

**Dilution**  
1:1,500

**Year**  
2015

[View more IHC references on thermofisher.com](#)

## Immunohistochemistry (Paraffin) (5)

PloS one

### MicroRNA-146a: a key regulator of astrocyte-mediated inflammatory response.

"A-21253 was used in immunohistochemistry - paraffin section to assess the role of miR-146a in the modulation of astrocyte-mediated inflammation."

Authors: Iyer A, Zurolo E, Prabowo A, Fluiter K, Spliet WG, van Rijen PC, Gorter JA, Aronica E

**Species**  
Chemical

**Dilution**  
Not Cited

**Year**  
2013

Nature genetics

### tRNA splicing endonuclease mutations cause pontocerebellar hypoplasia.

"A-21253 was used in immunohistochemistry - paraffin section to report that RNA processing contributes to pontocerebellar hypoplasia"

Authors: Budde BS, Namavar Y, Barth PG, Poll-The BT, Nürnberg G, Becker C, van Ruissen F, Weterman MA, Fluiter K, te Beek ET, Aronica E, van der Knaap MS, Höhne W, Toliat MR, Crow YJ, Steinling M, Voit T, Roelenso F, Brussel W, Brockmann K, Kyllerman M, Boltshauser E, Hammersen G, Willemsen M, Basel-Vanagaite L, Krägeloh-Mann I, de Vries LS, Sztriha L, Muntoni F, Ferrie CD, Battini R, Hennekam RC, Grillo E, Beemer FA, Stoets LM, Wollnik B, Nürnberg P, Baas F

**Species**  
Chemical

**Dilution**  
Not Cited

**Year**  
2008

[View more IHC \(P\) references on thermofisher.com](#)

## More applications with references on thermofisher.com

ICC/IF (1)

ELISA (2)

Misc (3)

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