

## PRODUCT DATASHEET

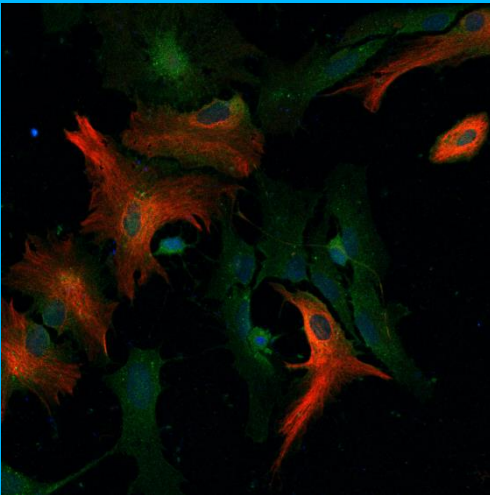
### STAR FLUOR 488 Goat anti-Mouse, highly cross adsorbed

#### Product Information

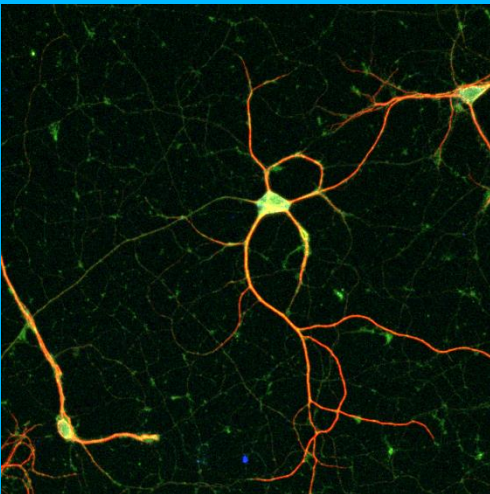
<b>Product code:</b>	F5A165
<b>Description:</b>	Highly cross adsorbed Goat anti-Mouse IgG (H&L) - STAR FLUOR 488, conjugated secondary antibody
<b>Form:</b>	Lyophilized
<b>Concentration:</b>	1 mg/mL after reconstitution with Ultrapure water
<b><math>\lambda_{abs}/\lambda_{em}</math> (nm):</b>	494/520
<b>Host Species:</b>	Goat
<b>Clonality:</b>	Polyclonal
<b>Isotype:</b>	IgG
<b>Type:</b>	Secondary Antibody
<b>Reactivity/Purity:</b>	Mouse. No observed reactivity against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Rabbit, Rat and Sheep Serum Proteins. Immuno-affinity chromatography has been used to purify Goat anti-Mouse from monospecific antiserum using Mouse IgG coupled to agarose beads followed by solid phase adsorption to remove any unwanted reactivity.
<b>Specificity:</b>	IgG (H&L)
<b>Immunogen:</b>	Mouse whole IgG molecule, native protein
<b>Storage buffer:</b>	Phosphate buffered saline containing 0.01% sodium azide and 10 mg/mL BSA after reconstitution
<b>Storage conditions:</b>	+4 °C. Protect from light Avoid freeze/thaw cycles
<b>Expiry:</b>	See expiry date. Stable for up to 6 months at +4 °C after reconstitution
<b>Applications:</b>	The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
	Flow Cytometry: 1:2,000 - 1:4,000 ELISA: 1:10,000 - 1:50,000 Western Blot: 1:2,500 - 1:10,000 ICC/IF: 1:100 - 1:1,000

## Images

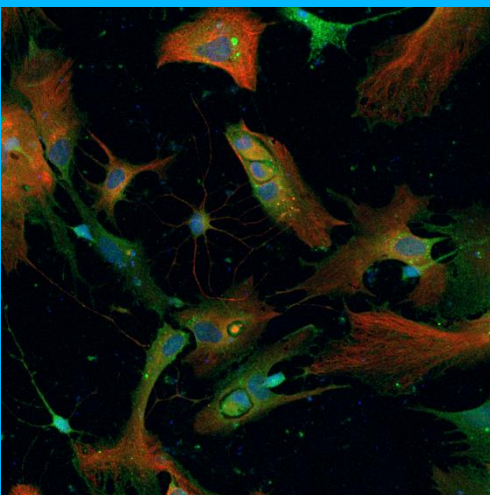
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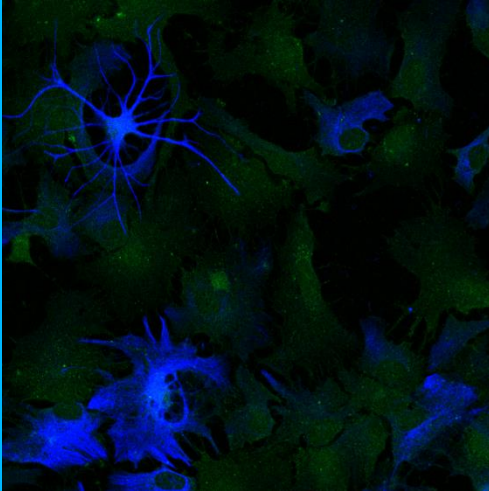
Immunohistochemical staining on mouse glia of GFAP (red) using Anti-GFAP Primary Antibody and Star Fluor 550 Goat anti-Rabbit and actin (green) using Anti- actin Primary Antibody and Star Fluor 488 Goat anti-Mouse. TOPRO-3 counterstain (blue) is used to stain nuclei.



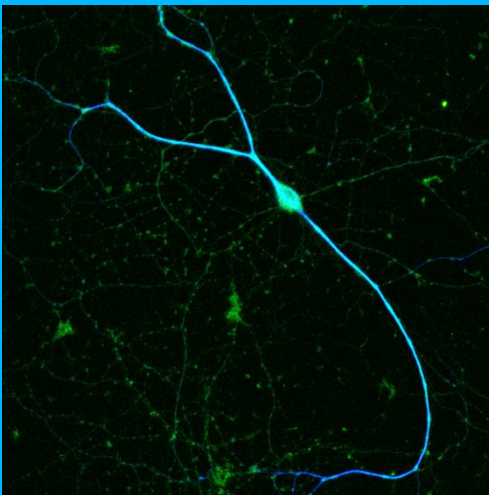
Immunohistochemical staining on mouse hippocampal neurons of MAP-2 (red) using Anti-MAP-2 Primary Antibody and Star Fluor 550 Goat anti-Rabbit and betaIII tubulin (green) using Anti- betaIII tubulin Primary Antibody and Star Fluor 488 Goat anti-Mouse. TOPRO-3 counterstain (blue) is used to stain nuclei.



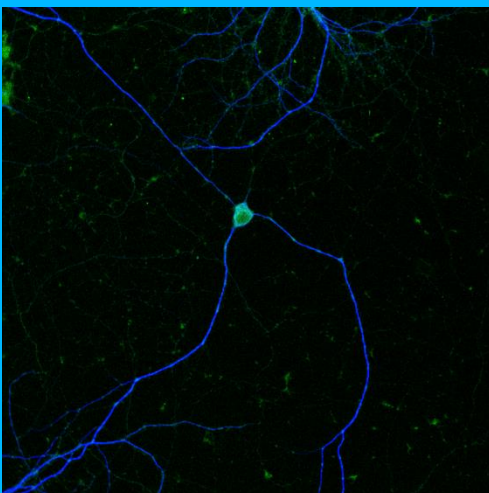
Immunohistochemical staining on mouse glia of GFAP (red) using Anti-GFAP Primary Antibody and Star Fluor 550 Goat anti-Rabbit and actin (green) using Anti- actin Primary Antibody and Star Fluor 488 Goat anti-Mouse. TOPRO-3 counterstain (blue) is used to stain nuclei.



Immunohistochemical staining on mouse glia of GFAP (blue) using Anti-GFAP Primary Antibody and Star Fluor 645 Goat anti-Rabbit and actin (green) using Anti- actin Primary Antibody and Star Fluor 488 Goat anti-Mouse.



Immunohistochemical staining on mouse hippocampal neurons of MAP-2 (blue) using Anti-MAP-2 Primary Antibody and Star Fluor 645 Goat anti-Rabbit and betaIII tubulin (green) using Anti- betaIII tubulin Primary Antibody and Star Fluor 488 Goat anti-Mouse.



Immunohistochemical staining on mouse hippocampal neurons of MAP-2 (blue) using Anti-MAP-2 Primary Antibody and Star Fluor 645 Goat anti-Rabbit and betaIII tubulin (green) using Anti- betaIII tubulin Primary Antibody and Star Fluor 488 Goat anti-Mouse.

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**Disclaimer**

The product was manufactured via a Quality System certified ISO9001 and tested in accordance with documented quality procedures and approved as a result of meeting the required specification.

This product is for in vitro research use only and is not intended for use in humans or animals. Cyanagen warrants that its products conform to the information contained in this and other Cyanagen publications. Purchaser must determine the suitability of the product for its particular use.