abcam

Product datasheet

Goat Anti-Rabbit IgG Fc (Alexa Fluor® 594) preadsorbed ab150100

3 Images

Overview

Product name	Goat Anti-Rabbit IgG Fc (Alexa Fluor® 594) preadsorbed
Description	Goat polyclonal Secondary Antibody to Rabbit IgG - Fc (Alexa Fluor® 594), pre-adsorbed
Host species	Goat
Target species	Rabbit
Specificity	By immunoelectrophoresis and ELISA this antibody reacts specifically with rabbit IgG. Cross reactivity with IgA and IgM is negligible. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to human, mouse and rat IgG was detected. This antibody may cross react with IgG from other species.
Tested applications	**Suitable for:** IHC-Fr, ELISA, Flow Cyt, IHC-P, ICC/IF
Minimal cross-reactivity	Human, Mouse, Rat more details
Immunogen	Other Immunogen Type corresponding to Rabbit IgG.
Conjugation	Alexa Fluor® 594. Ex: 590nm, Em: 617nm

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Stable for 12 months at -20°C. Store In the Dark.
Storage buffer	Preservative: 0.02% Sodium azide Constituents: 23% Glycerol (glycerin, glycerine), PBS, 1% BSA
Purity	Immunogen affinity purified
Purification notes	Antiserum was solid phase adsorbed to ensure class specificity. Antiserum was cross adsorbed using human, mouse and rat immunosorbents to remove cross reactive antibodies. The antibody to rabbit IgG was isolated by affinity chromatography using antigen coupled to agarose beads.
Clonality	Polyclonal
Isotype	IgG
General notes	Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property

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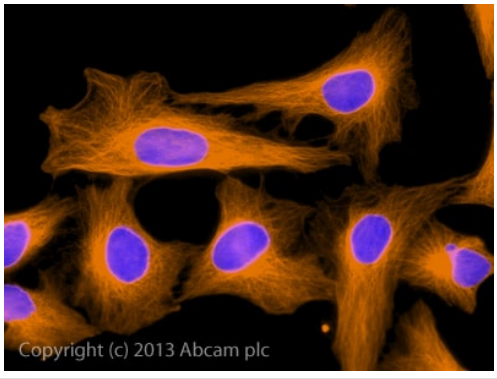
Applications

The Abpromise guarantee Our Abpromise guarantee covers the use of ab150100 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

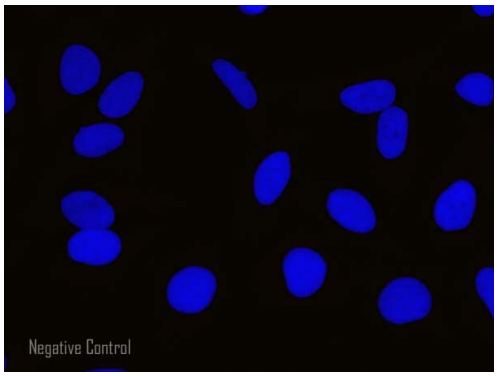
Application	Abreviews	Notes
IHC-Fr		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
Flow Cyt		1/2000.
IHC-P		Use at an assay dependent concentration.
ICC/IF		1/200 - 1/1000.

Images



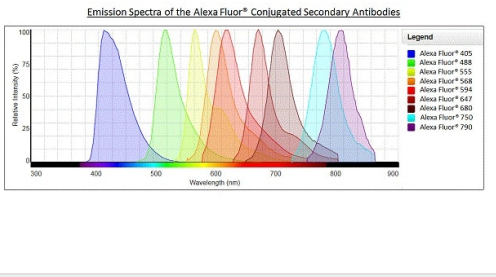
Immunocytochemistry/ Immunofluorescence - Goat Anti-Rabbit IgG Fc (Alexa Fluor® 594) preadsorbed (ab150100)

ICC/IF image of ab6046 stained HeLa cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab6046, 1µg/ml) overnight at +4°C. The secondary antibody (orange) was ab150100 Alexa Fluor® 594 goat anti-rabbit IgG (H+L) used at 2µg/ml for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Immunocytochemistry/ Immunofluorescence - Goat Anti-Rabbit IgG Fc (Alexa Fluor® 594) preadsorbed (ab150100)

HeLa cells showing negative staining by ICC/IF using only secondary antibody. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The secondary antibody (orange) was ab150100 Alexa Fluor® 594 goat anti-rabbit IgG (H+L) used at 2µg/ml for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Alexa Fluor® - Goat Anti-Rabbit IgG Fc (Alexa Fluor® 594) preadsorbed (ab150100)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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