DATASHEET

AREX® Fluor 555 Rat IgG (H&L) Goat Polyclonal Antibody

CAT. NO. APA19582

KEY FEATURES

Target	Rat IgG (H&L)	Source / Host	Goat
Reactivity	Rat	Clonality	Polyclonal
Applications	IHC,IF/ICC,FC,ELISA	Conjugation	AREX® Fluor 555
Form / Buffer	1 mg/ml. Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, containing 1% BSA, 50% glycerol, 0.02% Sodium Azide	Storage	at -20°C

BACKGROUND

Rat immunoglobulin G (IgG) is the predominant immunoglobulin class in rat serum and is widely used as a primary antibody in immunological research. Secondary antibodies directed against rat IgG (H&L) recognize both heavy and light chains of rat immunoglobulins, allowing detection of rat-derived primary antibodies in immunohistochemistry, immunofluorescence, flow cytometry and ELISA. AREX® Fluor 555 is a bright, photostable orange-red fluorophore that gives strong signal with low background, making it suitable for multicolor imaging together with green and far-red channels.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:100 - 1:1000
IF/ICC	1:100 - 1:1000
FC	1:1000 - 1:4000
ELISA	Use at an assay dependent concentration

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	AREX® Fluor 555-conjugated goat polyclonal antibody to Rat IgG (H&L)
Specificity	By immunoelectrophoresis and ELISA this antibody reacts specifically with Rat IgG. No antibody was detected against non immunoglobulin serum proteins.
Antibody Type	Secondary antibody
Immunogen	Rat IgG
Purification	The antibody was isolated from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.
Molecular Weight	N/A
Form/Buffer	1 mg/ml. Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, containing 1% BSA, 50% glycerol, 0.02% Sodium Azide

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com