Goat Polyclona		Conjugate DyLight [®] 680
Antigen Affinity Purified		
Catalog No.	A80-30	04D6
Lot No.	15	
APPLICATIONS		IHC, ICC, Flow Cyt, IF
SPECIES REACTIVITY		Human. Minimum reactivity to bovine, chicken, horse, mouse, rabbit, rat and sheep
AMOUNT		1 ml
CONCENTRATION		0.5 mg/ml
STORAGE/SHELF LIFE		2 - 8°C / 1 year from date of receipt
PHYSICAL STATE		Liquid
BUFFER		Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide
FLUOROPHORE/PROTEIN		3.8
ISOTYPE		IgG
ORIGIN		USA
PRODUCTION PROCEDURES		Antiserum was solid phase adsorbed to ensure class specificity. Antiserum was cross adsorbed using bovine, chicken, horse, mouse, rabbit, rat and sheep immunosorbents to remove cross reactive antibodies. The antibody to human IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 680.
		Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
		By immunoelectrophoresis and ELISA this antibody reacts specifically with human IgG. Cross reactivity with IgA and IgM is negligible. No antibody was detected against non- immunoglobulin serum proteins. Less than 1% cross reactivity to bovine, chicken, horse, mouse, rabbit, rat and sheep IgG was detected. This antibody may cross react with IgG from other species.
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.
		Immunohistochemistry 1:50 – 1:500 Immunocytochemistry 1:50 – 1:500 Flow Cytometry 1:50 – 1:200 Immunofluorescence 1:50 – 1:500
APPLICATION NOTES		Not all listed applications have been specifically tested by our laboratory.
		DyLight® 680 is excited at 682 (in PBS) and emits at 715 (in PBS).
ADDITIONAL INFO		DyLight [®] is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. https://www.fortislife.com/p/A80-304D6 Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: July 28, 2023

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