



Anti-MYC EPITOPE TAG (RABBIT) Antibody DyLight™ 405 Conjugated - 600-446-381

Code: 600-446-381

Size: 100 µg

Product Description: Anti-MYC EPITOPE TAG (RABBIT) Antibody DyLight™ 405 Conjugated - 600-446-381

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

PhysicalState: Lyophilized

Label	DyLight™ 405
Host	Rabbit
Emission Wavelength	420
Excitation Wavelength	400
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	Rabbit anti-MYC Epitope Tag DyLight 405™ Conjugated Antibody, Rabbit anti-c-myc tag DyLight 405™ conjugation, Glu-Gln-Lys-Leu-Ile-Ser-Glu-Glu-Asp-Leu
Application Note	This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms. The emission spectra for this DyLight™ conjugate match the principle output wavelengths of most common fluorescence instrumentation.
Background	Epitope tags are short peptide sequences that are easily recognized by tag-specific antibodies. Due to their small size, epitope tags do not affect the biochemical properties of the tagged protein. The anti-epitope tag antibody is usually functional in a variety of antibody-dependent experimental procedures. Expression vectors producing epitope tag fusion proteins are available for a variety of host expression systems including bacteria, yeast, insect and mammalian cells. Rockland produces anti-epitope tag antibodies against many common epitope tags including Myc, GST, GFP, 6X His, MBP, FLAG and HA. Anti-MYC has utility to detect the fusion protein of the Myc epitope cloned along with the target gene. As such, anti-Myc/Myc can be used to identify fusion proteins containing the Myc epitope. This Anti-Myc antibody has been conjugated to DyLight™405.
Purity And Specificity	This affinity purified antibody is directed against the MYC epitope tag and is useful in determining its presence in over expressed proteins in various assays. The antibody recognizes the MYC epitope tag -tag (Glu-Gln-Lys-Leu-Ile-Ser-Glu-Glu-Asp-Leu) fused to either the amino- or carboxy- termini of targeted proteins in transfected or transformed cells.
Assay Dilutions	User Optimized
Western Blot	1:10,000 - 1:25,000
FLISA	>1:20,000
IF Microscopy	>1:5,000
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	This antibody was purified from whole rabbit serum prepared by repeated immunizations with MYC epitope tag peptide, E-Q-K-L-I-S-E-E-D-L, conjugated to KLH using maleimide. The sequence corresponds to amino acids 410-419 of human c-Myc.
Related Products	

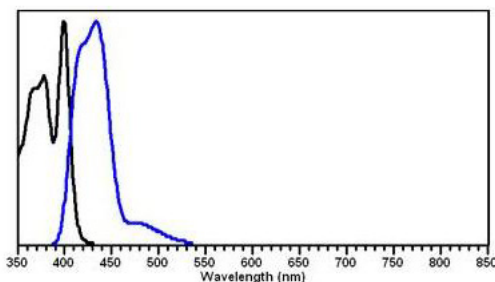
200-301-268

Anti-AKT pS473 (MOUSE) Monoclonal Antibody - 200-301-268

610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B304	NORMAL GOAT SERUM (NGS) - B304







Images

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Properties of DyLight™ Fluorescent Dyes.

Emission	Color	DyLight™ Dye	Ex/Em (nm)	ϵ ($M^{-1} cm^{-1}$)	Similar Dyes
Blue		405	400/420	30,000	Alexa™ 405, Cascade Blue
Green		488	493/518	70,000	Alexa™ 488, Cy2 [®] , FITC
Yellow		549	550/568	150,000	Alexa™ 546, Alexa 555, Cy3 [®] , TRITC
Red		649	646/674	250,000	Alexa™ 647, Cy5 [®]
Near Infrared		680	682/715	140,000	Alexa™ 680, Cy5.5 [®] , IRDye™ 700
Infrared		800	770/794	270,000	IRDye™ 800

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.