

OriGene Technologies Inc.

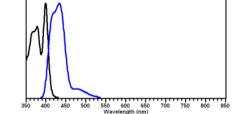
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RA101DL4 OriGene EU

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Streptococcus Protein G (DyLight405 conjugated) -DyLight405

Catalog No.:	RA101DL4				
Quantity:	0.1 mg				
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)				
Species:	Streptococcus				
Format:	 State: Lyophilized Purity: >95% Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 10 mg/ml Bovine Serum Albumin (BSA) and 0.01% (w/v) Sodium Azide Label: DyLight(TM) 405 (MW 793) Protein Ratio: 5.0 moles DyLight(TM) 405 per mole of Protein G Absorption/Emission: 400 nm / 400 nm Reconstitution: Restore with 0.1 ml of deionized water (or equivalent). 				
Applications:	Western Blot: >1/20,000. ELISA: >1/10,000. Immunofluorescence: >1/5,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.				
Description:	Single precipitin arc against anti-biotin and anti-Protein G.				
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store the protein undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.				
Pictures:	DyLight™ 405 Fluorescence absorption and emission spectra in PBS, pH 7.2				



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

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request. Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com OG/20121030

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