Product Datasheet

Rabbit IgG (H&L) Antibody Rhodamine Conjugated Pre-Adsorbed (orb347644)

Catalog Number	orb347644
Category	Antibodies
Description	Rabbit IgG (H&L) antibody (TRITC)
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG
Conjugation	TRITC
Reactivity	Rabbit
Form/Appearance	Lyophilized
Concentration	1.0 mg/mL
Buffer/Preservatives	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Rabbit IgG and Rabbit Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rat and Sheep Serum Proteins.
Immunogen	Rabbit IgG whole molecule

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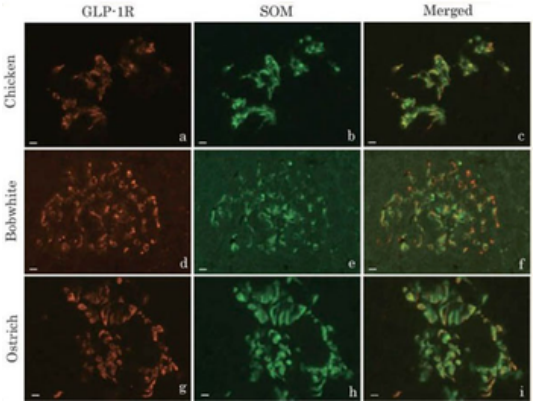
Tested applications	FC, FLISA, IF
Dilution range	FLISA: 1:10,000 - 1:50,000, FC: 1:500 - 1:2,500, IF: 1:1,000 - 1:5,000
Application notes	This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
Antibody Type	Secondary Antibody
Storage	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.
Note	For research use only
Expiration Date	12 months from date of receipt.



Double immunofluorescence images of glucagon-like peptide-1 receptor (GLP-1R, a, d, g) and somatostatin (SOM, b, e, h) in the pancreatic islets of chickens (a–c), northern bobwhites (d–f), and ostriches (g–i). Figures c, f, and i show merged images of a and b, d and e, and g and h, respectively. Almost every SOM-immunoreactive cell in the pancreatic islets of three avian species also demonstrated GLP-1R immunoreactivity. Bars indicate 10 µm.

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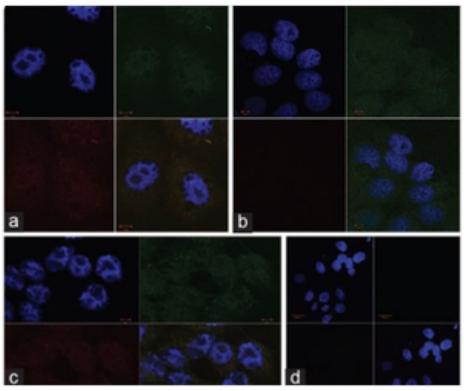
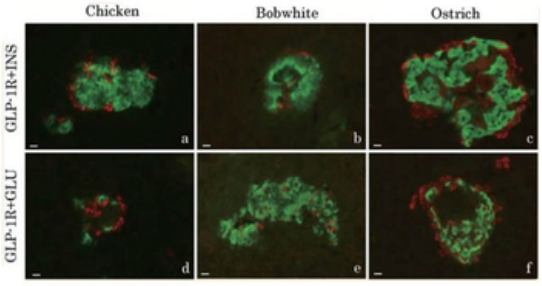


Fluorescent micrographs of MCF-7 cells unexposed to either solvent (a) exposed to 0.5% Methanol (b) and 0.5% DMSO (c). D is negative control. BCL-2 was stained with monoclonal anti-BCL-2 and Goat Anti-Mouse IgG FITC conjugated (Upper Right Quadrant- showing the nuclear and cytoplasmic expression of the oncogene BCL-2). BAX was stained with polyclonal rabbit anti-BAX and Goat anti-Rabbit IgG Rhodamine conjugated (Lower Left quadrant- showing the nuclear and cytoplasmic expression of BAX). Nucleus was counterstained with DAPI (Upper left quadrant). The lower right quadrant shows the combined image. 2D shows fluorescent micrographs of MCF-7 cells unexposed to either solvent. Cells were incubated with the secondary antibodies but not the primary antibodies to reveal non-specific staining. The nucleus was counterstained with DAPI (Upper left quadrant). The lower right quadrant represents the combined image.



Merged images of double immunofluorescence pictures of glucagon-like peptide-1 receptor (red) and insulin (green) (GLP-1R + INS, a–c), and glucagon-like peptide-1 receptor (red) and glucagon (green) (GLP-1R + GLU, d–f) in the pancreatic islets of chickens (a and d), northern bobwhites (b and e), and ostriches (c and f). Islet cells showing either insulin or glucagon immunoreactivity were immunonegative to glucagon-like peptide-1 receptor. Bars indicate 10 µm.

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