

## OriGene Technologies Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-858-888-7900 Fax: +1-858-888-7904 <u>US-info@acris-antibodies.com</u>

## R1457C3 OriGene EU

Acris Antibodies GmbH Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com

## Polyclonal Antibody to Mouse IgG (H&L) - Cy3 (multispecies ads.)

| Alternate names:    | Mouse Immunoglobulin G  |
|---------------------|---|
| Catalog No.:        | R1457C3   |
| Quantity:           | 1 mg  |
| Concentration:      | 1.0 mg/ml (by UV absorbance at 280 nm)  |
| Host:               | Goat  |
| Immunogen:          | Mouse IgG, whole molecule   |
| Format:             | <ul> <li>State: Lyophilized purified IgG fraction</li> <li>Purification: Immunoaffinity Chromatography</li> <li>Buffer System: 0.02 M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2</li> <li>Preservatives: 0.01% Sodium Azide</li> <li>Stabilizers: 10 mg/ml BSA (IgG and Protease free)</li> <li>Label: Cy3 – (Molecular Weight 949 daltons)</li> <li>Absorption / Emission: 550 nm / 570 nm</li> <li>Molar Ratio: 8.5 moles Cy3 per mole of Goat IgG</li> <li>Reconstitution: Restore with 1.0 ml of deionized water (or equivalent)</li> </ul> |
| Applications:       | This product is designed for Immunofluorescence microscopy, fluorescence based<br>plate assays (FLISA) and fluorescent Western blotting.<br>Also suitable for multiplex analysis,<br>including multicolor imaging, utilizing various commercial platforms.<br><u>Recommended Dilurtions:</u><br>FLISA: 1/10,000-1/50,000.<br>Immunofluorescence: 1/1,000-1/5,000.<br>Flow Cytometry: 1/500-1/2,500.<br>Other applications not tested. Optimal dilutions are dependent on conditions and should<br>be determined by the user.                            |
| Specificity:        | This product was prepared from monospecific antiserum by<br>Immunoaffinity Chromatography using Mouse IgG coupled to agarose beads followed by<br>solid phase<br>adsorption(s) to remove any unwanted reactivities and extensive dialysis against<br>the buffer.<br>Assay by Immunoelectrophoresis resulted in a single precipitin arc against anti-<br>Goat Serum, Mouse IgG and Mouse Serum.<br>No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster,<br>Horse, Human, Rat, Rabbit and Sheep Serum Proteins.                   |
| Species Reactivity: | Tested: Mouse.  |

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.



MS/20120522

Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com

Storage:

Prior to reconstitution store at 2-8°C. Following reconstitution store the antibody 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.

