



OriGene Technologies Inc.

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

SM1835

OriGene EU

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

Monoclonal Antibody to Human CD174

Alternate names:	Blood Group Antigen Lewis y
Catalog No.:	SM1835
Quantity:	1 ml
Concentration:	conc. lot dependant
Host / Isotype:	Mouse / IgM
Recommended Isotype Controls:	SM13P
Clone:	A70-C/C8
Applications:	Flow cytometry (1/5-1/10, use 10µl of the suggested working dilution to label 106 cells in 100µl.). Immunohistology on frozen and paraffin embedded sections (1/5-1/10). This product does not require protein digestion pre-treatment or antigen retrieval using heat treatment prior to staining of paraffin sections. Recommended Positive Control Tissue: Ovarian Carcinoma. ELISA. This antibody is reported to work in Western blotting procedures. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the human CD174 cell surface antigen, also known as Lewis Y. CD174 is a difucosylated tetrasaccharide found on the type 2 blood group oligosaccharides of glycolipids and glycoproteins. On epithelial ovarian cancer the predominant carriers of the CD174 epitope are CA125 and MUC1. On CD34+ stem cells the carrier is a 170kD glycoprotein designated E3.
Storage:	Store the antibody at 4-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: on