

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com **OriGene Technologies GmbH**

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

AM08350PU-N Monoclonal Antibody to CD59 - Purified

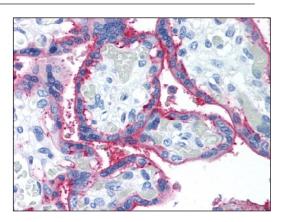
| Alternate names: | 20 kDa homologous restriction factor, HRF-20, HRF20, MAC-IP, MAC-inhibitory protein, MACIF, MEM43 antigen, MIC11, MIN1, MIN2, MIN3, MIRL, MSK21, Membrane attack complex inhibition factor, Membrane inhibitor of reactive lysis, Protectin |
|----------------------------------|---|
| Quantity: | 50 µg |
| Concentration: | 0.5 mg/ml |
| Background: | CD59, an LY6 like protein expressed in human lymphoid cells, regulates the action of the complement membrane attack complex on homologous cells. It is a potent inhibitor of the complement membrane attack complex action. It acts by binding to the C8 and/or C9 complements of the membrane attack complex, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. This inhibitor appears to be species-specific. CD59 is also involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase. |
| Uniprot ID: | <u>P13987</u> |
| NCBI: | <u>NP_000602.1</u> |
| GenelD: | <u>966</u> |
| Host / Isotype: | Mouse / IgG2a |
| Recommended Isotype Controls: | AM03096PU-N |
| Clone: | p282 (H19) |
| Format: | State: Liquid purified Ig fraction Purification: Affinity chromatography Buffer System: PBS, pH 7.2 containing 0.09% Sodium Azide as preservative |
| Applications: | Flow Cytometry: $2 \mu g/10E6$ cells. Immunohistochemistry on Paraffin Sections: $10 \mu g/ml$. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | This antibody recognizes CD59 Glycoprotein. |
| Species Reactivity: | Tested: Human, Baboon, Monkey |
| Storage: | Store the antibody undiluted at 2-8°C. Shelf life: one year from despatch. |

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.

ORIGENE AM08350PU-N: Monoclonal Antibody to CD59 - Purified

Pictures:

AM08350PU-N at 10 μ g/ml staining CD59 by Immunohistochemistry (Formalin/PFA-Fixed Paraffin-Embedded Placenta Sections).



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.