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# Anti-CD235-Biotin-labled

Catalog # AP101393

## Product Information

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|---|---|
| **Application** | FC, IF/IC |
| **Primary Accession** | P02724 |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Calculated MW** | 16430 |

## Additional Information

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|---|---|
| **Gene ID** | 2993 |
| **Other Names** | GPA; Glycophorin-A; MN sialoglycoprotein; PAS-2; Sialoglycoprotein alpha; CD antigen CD235a |
| **Target/Specificity** | Recognizes human CD235 |
| **Dilution** | FC~~1:10~50 IF/IC~~N/A |
| **Format** | Mouse IgG2b. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

## Protein Information

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|---|---|
| **Name** | GYPA ( HGNC:4702) |
| **Function** | Component of the ankyrin-1 complex, a multiprotein complex involved in the stability and shape of the erythrocyte membrane (PubMed:35835865). Glycophorin A is the major intrinsic membrane protein of the erythrocyte. The N-terminal glycosylated segment, which lies outside the erythrocyte membrane, has MN blood group receptors. Appears to be important for the function of SLC4A1 and is required for high activity of SLC4A1. May be involved in translocation of SLC4A1 to the plasma membrane. |
| **Cellular Location** | Cell membrane; Single-pass type I membrane protein Note=Appears to be colocalized with SLC4A1 |

## Background

Biotin-labled mouse monoclonal antibody to CD235

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.