

ARG21361 anti-CD43 antibody [DF-T1] (PE)

Package: 50 tests

Store at: 4°C

Summary

| | |
|---------------------|---|
| Product Description | PE-conjugated Mouse Monoclonal antibody [DF-T1] recognizes CD43 |
| Tested Reactivity | Hu |
| Tested Application | FACS, ICC/IF, IHC-Fr, IHC-P, WB |
| Specificity | Human CD43. |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | DF-T1 |
| Isotype | IgG1, kappa |
| Target Name | CD43 |
| Species | Human |
| Immunogen | KG-1 cells |
| Conjugation | PE |
| Alternate Names | LSN; CD43; GALGP; GPL115 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|-----------------------------|
| | FACS | 10 µl/10 ⁶ cells |
| | ICC/IF | Assay-dependent |
| | IHC-Fr | Assay-dependent |
| | IHC-P | Assay-dependent |
| | WB | Assay-dependent |

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

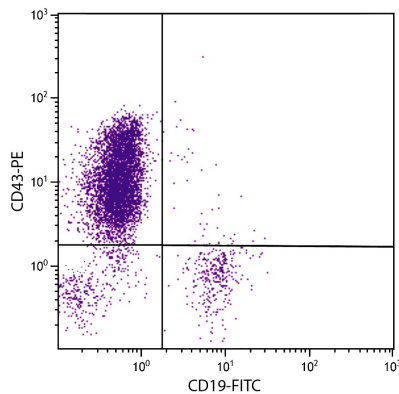
Properties

| | |
|---------------------|--|
| Form | Liquid |
| Buffer | PBS, 0.1% Sodium azide and Sucrose. |
| Preservative | 0.1% Sodium azide |
| Stabilizer | Sucrose |
| Storage instruction | Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

Bioinformation

| | |
|----------------|--|
| Database links | GeneID: 6693 Human Swiss-port # P16150 Human |
| Gene Symbol | SPN |
| Gene Full Name | sialophorin |
| Background | The protein encoded by this gene is a major sialoglycoprotein found on the surface of thymocytes, T lymphocytes, monocytes, granulocytes, and some B lymphocytes. It may be part of a physiologic ligand-receptor complex involved in T-cell activation. During T-cell activation, this protein is actively removed from the T-cell-APC (antigen-presenting cell) contact site, suggesting a negative regulatory role in adaptive immune response. [provided by RefSeq, Sep 2011] |
| Function | One of the major glycoproteins of thymocytes and T lymphocytes. Plays a role in the physicochemical properties of the T-cell surface and in lectin binding. Presents carbohydrate ligands to selectins. Has an extended rodlike structure that could protrude above the glycocalyx of the cell and allow multiple glycan chains to be accessible for binding. Is a counter-receptor for SN/Siglec-1 (By similarity). During T-cell activation is actively removed from the T-cell-APC (antigen-presenting cell) contact site thus suggesting a negative regulatory role in adaptive immune response (By similarity). [UniProt] |
| Calculated Mw | 40 kDa |

Images



ARG21361 anti-CD43 antibody [DF-T1] (PE) FACS image

Flow Cytometry: Human peripheral blood lymphocytes stained with [ARG21361](#) anti-CD43 antibody [DF-T1] (PE) and [ARG21258](#) anti-CD19 antibody [SJ25-C1] (FITC).