

ARG23468 anti-Dendritic Cells antibody [YTH862.2]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody [YTH862.2] recognizes Dendritic Cells Rat anti Human HLA ABC antibody, clone YTH862.2 recognizes a monomorphic determinant on the human HLA Class I heavy chain. Epitope analysis has shown that this antibody binds in the alpha1 domain. The major histocompatibility complex (MHC) is a cluster of genes that are important in the immune response to infections. In humans, this complex is referred to as the human leukocyte antigen (HLA) region. There are 3 major MHC class I proteins encoded by the HLA which are HLA A, HLA B and HLA C. These proteins are found on the surface of almost all nucleated somatic cells. Rat anti Human HLA ABC antibody, clone YTH862.2 may be able to induce apoptosis in activated but not resting T cells (Genestier et al. 1997).
Tested Reactivity	Hu
Species Does Not React With	Ms
Tested Application	FACS, FuncSt, ICC/IF, IHC-Fr, IP
Host	Rat
Clonality	Monoclonal
Clone	YTH862.2
Isotype	IgG2b
Target Name	Dendritic Cells
Species	Human
Immunogen	PHA activated human peripheral blood lymphocytes.
Conjugation	Un-conjugated

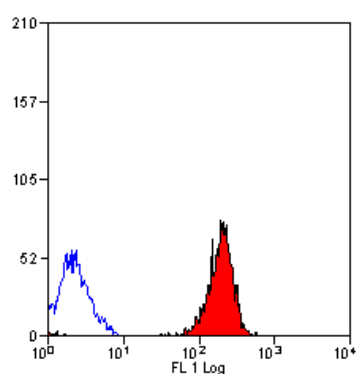
Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>FACS</td><td>1:50 - 1:100</td></tr> <tr> <td>FuncSt</td><td>Assay-dependent</td></tr> <tr> <td>ICC/IF</td><td>Assay-dependent</td></tr> <tr> <td>IHC-Fr</td><td>Assay-dependent</td></tr> <tr> <td>IP</td><td>Assay-dependent</td></tr> </table>	Application	Dilution	FACS	1:50 - 1:100	FuncSt	Assay-dependent	ICC/IF	Assay-dependent	IHC-Fr	Assay-dependent	IP	Assay-dependent
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Application Note	Functional study: This product contains sodium azide, removal by dialysis is recommended prior to use in functional assays. FACS: Use 10 µl of the suggested working dilution to label 10⁶ cells in 100 µl. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.												

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% Sodium azide.
Preservative	0.09% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Images



ARG23468 anti-Dendritic Cells antibody [YTH862.2] FACS image

Flow Cytometry: Human peripheral blood lymphocytes stained with ARG23468 anti-Dendritic Cells antibody [YTH862.2].
