ARG23290
anti-MHC Class II DQ antibody [CC158] (PE)

Package: 50 tests
Store at: 4°C

Summary

Product Description	PE-conjugated Mouse Monoclonal antibody [CC158] recognizes MHC Class II DQ Mouse anti Bovine MHC class II DQ antibody, clone CC158 recognises Bovine MHC Class II DQ. MHC Class II molecules are constitutively expressed on antigen presenting cells such as dendritic cells, B lymphocytes, monocytes, macrophages, activated T lymphocytes and may be induced on a range of other cell types by interferon gamma. The major histocompatibility complex (MHC) is a cluster of genes some of which are important in the immune response to infections. In cattle, this complex is referred to as the bovine leukocyte antigen (BoLA) region. There are 2 major types of MHC class IIa molecules encoded by the BoLA which are DR and DQ each composed of an alpha and beta chain.
Tested Reactivity	Bov
Tested Application	FACS
Host	Mouse
Clonality	Monoclonal
Clone	CC158
Isotype	IgG2a
Target Name	MHC Class II DQ
Species	Bovine
Conjugation	PE

Application Instructions

Application table

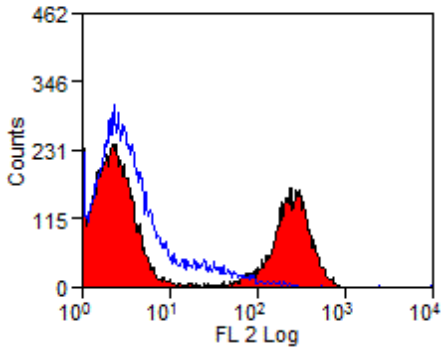
Application	Dilution
FACS	Assay-dependent

Application Note: FACS: Use 10 µl of the suggested working dilution to label 10^6 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, 0.09% Sodium azide, 1% BSA and 5% Sucrose.
Preservative	0.09% Sodium azide
Stabilizer	1% BSA and 5% 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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Images



ARG23290 anti-MHC Class II DQ antibody [CC158] (PE) FACS image

Flow Cytometry: Bovine peripheral blood lymphocytes stained with ARG23290 anti-MHC Class II DQ antibody [CC158] (PE).