

ARG23490
anti-MHC Class II antibody [PF6J-6D]

Package: 125 µg

Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [PF6J-6D] recognizes MHC Class II. Mouse anti Cat MHC Class II antibody, clone PF6J-6D recognizes an epitope within the ~29-31 kDa beta chain region of cat MHC class II molecules which are expressed by antigen presenting cells, B cells, monocytes and activated T lymphocytes. The major histocompatibility complex (MHC) is a cluster of genes that are important in the immune response to infections. In cats, this is referred to as the feline leukocyte antigen (FLA) region. The complex retrovirus FIV (feline immunodeficiency virus), is responsible for a progressive and debilitating immune deficiency syndrome in domestic cats, similar to that caused by the human Immunodeficiency virus (HIV), the intensity of MHC Class II expression on cat lymphocyte membranes has been found to vary in association with feline retrovirus infections.
Tested Reactivity	Cat
Tested Application	ELISA, FACS, WB
Host	Mouse
Clonality	Monoclonal
Clone	PF6J-6D
Isotype	IgG2b
Target Name	MHC Class II
Species	Cat
Conjugation	Un-conjugated

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	FACS	Assay-dependent
	WB	Assay-dependent
Application Note	WB: This product detects bands of approximately 29-31 kDa on fractionated cat lymphocyte cell lysates under non-reducing conditions. 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 A.
Buffer	PBS and 0.05% Sodium azide.
Preservative	0.05% 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.