

ARG22708 anti-MHC Class II (Monomorphic) antibody [YKIX334.2]

Package: 100 µg

Store at: -20°C

Summary

Product Description	<p>Rat Monoclonal antibody [YKIX334.2] recognizes MHC Class II (Monomorphic)</p> <p>This antibody recognizes a monomorphic epitope on Canine MHC Class II and was classified at the First Canine Leucocyte Antigen Workshop (Cobbold et al. 1994).</p> <p>The major histocompatibility complex (MHC) is a cluster of genes that are important in the immune response to infections. In dogs, this is referred to as the dog leukocyte antigen (DLA) region. Rat anti Dog MHC Class II immunoprecipitates an antigen of ~32/34kDa and blocks the proliferation of MHC Class II dependent responses in vitro. In dogs, MHC Class II is expressed by all peripheral blood mononuclear cells.</p>
Tested Reactivity	Dog
Tested Application	FACS, IHC-Fr, IP
Host	Rat
Clonality	Monoclonal
Clone	YKIX334.2
Isotype	IgG2a
Target Name	MHC Class II (Monomorphic)
Species	Dog
Immunogen	Con A activated canine peripheral blood cells.
Conjugation	Un-conjugated

Application Instructions

Application table	Application	Dilution
	FACS	1:50 - 1:100
	IHC-Fr	Assay-dependent
	IP	Assay-dependent
Application Note	<p>FACS: Use 10 µl of the suggested working dilution to label 10⁶ cells in 100 µl.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>	

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.