

## ARG22735 anti-MHC Class II (Monomorphic) antibody [CA2.1C12]

Package: 1 ml  
Store at: -20°C

### Summary

Product Description	<p>Mouse Monoclonal antibody [CA2.1C12] recognizes MHC Class II (Monomorphic)</p> <p>This antibody recognizes a monomorphic epitope on Canine MHC Class II which was classified at the First Canine Leucocyte Antigen Workshop (CLAW) [Cobbold et al. 1992]. In dogs, MHC Class II is expressed by all peripheral blood mononuclear cells.</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.</p>
Tested Reactivity	Dog
Tested Application	FACS, IHC-Fr
Host	Mouse
Clonality	Monoclonal
Clone	CA2.1C12
Isotype	IgG1
Target Name	MHC Class II (Monomorphic)
Species	Dog
Conjugation	Un-conjugated

### Application Instructions

Application table	Application	Dilution
	FACS	Neat
	IHC-Fr	Assay-dependent
Application Note	<p>FACS: Use 10 µl of the suggested working dilution to label 10<sup>6</sup> 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	Tissue Culture Supernatant
Buffer	Tissue Culture Supernatant and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
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.