

ARG21070 anti-MHC Class II I Ad antibody [34-5-3]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [34-5-3] recognizes MHC Class II I Ad
Tested Reactivity	Ms
Tested Application	BL, Cell-Act , FACS, IP
Specificity	Mouse I-Ad. The clone 34-5-3 reacts with the β chain of the I-Ad MHC class II alloantigen. It cross-reacts with I-Ab and with cells from mice of the H-2p and H-2q halotypes.
Host	Mouse
Clonality	Monoclonal
Clone	34-5-3
Isotype	IgG2a, kappa
Target Name	MHC Class II I Ad
Species	Mouse
Immunogen	(C57BL/6 x DBA/2)F1 mouse splenocytes
Conjugation	Un-conjugated
Alternate Names	AI323765; H-2Ea; MHC-H2-Ea; H2-Ea; I-Ealpha; H-2 class II histocompatibility antigen, E-U alpha chain; Ia3; E-alpha-f; Ia-3

Application Instructions

Application table	Application	Dilution
	BL	Assay-dependent
	Cell-Act	Assay-dependent
	FACS	< 1 µg/10 ⁶ cells
	IP	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

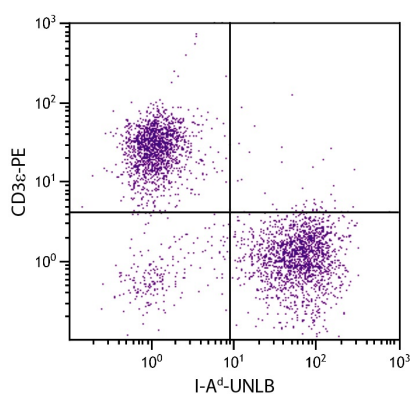
Properties

Form	Liquid
Buffer	BBS (pH 8.2)
Concentration	0.5 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. 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.

Bioinformation

Database links	GeneID: 100504404 Mouse Swiss-port # P14439 Mouse
Gene Symbol	H2-Ea-ps
Gene Full Name	histocompatibility 2, class II antigen E alpha, pseudogene
Background	<p>This locus belongs to the class II major histocompatibility complex (MHC) family of genes, which encode immune response (Ia) antigens that function in the T-cell-dependent immune response. This family member has multiple haplotypes, some of which result in the production of an E-alpha subunit that combines with an E-beta subunit to form a functional E complex at the cell surface. Other haplotypes, including that of the reference genome allele, contain mutations and they thus represent polymorphic pseudogenes that do not produce functional products. These mutations include frameshifting indels, nonsense mutations, and deletions of larger regions. The reference genome haplotype contains a deletion at the 5' end of the gene, including the core promoter region and the transcription start site, and therefore no transcripts result from this haplotype. [provided by RefSeq, Aug 2011]</p>
Calculated Mw	29 kDa

Images



ARG21070 anti-MHC Class II I Ad antibody [34-5-3] FACS image

Flow Cytometry: BALB/c Mouse splenocytes stained with [ARG21070](#) anti-MHC Class II I Ad antibody [34-5-3] and [ARG20819](#) anti-CD3e antibody [C363.29B] (PE).