

## ARG22664 anti-MHC Class I H-2b + D + P + Q + w16 antibody [ER-HR52]

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	<p>Rat Monoclonal antibody [ER-HR52] recognizes MHC Class I H-2b + D + P + Q + w16</p> <p>This antibody recognizes a polymorphic epitope present on murine MHC class I molecules, which are expressed at varying levels on the majority of nucleated cells. Clone ER-HR52 specifically recognizes mouse strains with the haplotypes H-2b, w16 and H-2d, p, q. Mouse strains with the haplotypes H-2f, r, s, w17, w23, w27 show weak reactivity with this antibody.</p> <p>The major histocompatibility complex (MHC) is a cluster of genes that are important in the immune response to infections. In mice, this complex is referred to as the histocompatibility 2 (H-2) region.</p>
Tested Reactivity	Ms
Tested Application	FACS, IHC-Fr
Host	Rat
Clonality	Monoclonal
Clone	ER-HR52
Isotype	IgG2a
Target Name	MHC Class I H-2b + D + P + Q + w16
Species	Mouse
Immunogen	Adherent F1 (CBAXBL) bone marrow stromal cells.
Conjugation	Un-conjugated

### Application Instructions

Application table	Application	Dilution
	FACS	1:50 - 1:200
	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	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.