



Mouse Anti-MHC Class I H2 Kb + Db monoclonal antibody, clone 6152.27.2 (CABT-L519)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	H2 Kb + Db monoclonal antibody is specific for cell expressing the H-2K antigen coded for by the b haplotype, and for cells expressing the H-2D antigen coded for by the b haplotype.
Target	MHC Class I H2 Kb + Db
Immunogen	CBA/J
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Mouse
Clone	6152.27.2
Purification	Protein G purified
Conjugate	Unconjugated
Applications	FC
Format	Liquid
Concentration	1 mg/ml
Size	250 µg
Buffer	PBS

Preservative	None
Storage	-20°C. Avoid Freeze/Thaw Cycles.

BACKGROUND

Introduction	In the mouse the MHC Class 1 loci are called H2K, H2L and H2D. The equivalent loci in the human MHC are HLA (Human Leukocyte Antigen). MHC class I molecules are heterodimers, consisting of a single transmembrane polypeptide chain (the α -chain) which is highly polymorphic, and the invariant $\beta 2$ microglobulin (which is encoded elsewhere, not in the MHC). MHC class I molecules are found on almost every nucleated cell of the body. Their major function is to present peptide fragments derived from antigens to cytotoxic T cells.
Keywords	MHC Class I H2 Kb + Db; H2-D1; histocompatibility 2, D region locus 1; H-2 class I histocompatibility antigen, L-D alpha chain; Q5k protein; MHC class I H-2Dp; MHC H2-D-q alpha-chain; MHC class I H2 antigen; H-2D cell surface glycoprotein; H2-DC1-beta transplantation antigen pro

GENE INFORMATION

Entrez Gene ID	14972
UniProt ID	P01901
