

Monoclonal Antibody to Mouse MHC Class I -FITC

Catalog No.:	SM1855F
Quantity/Conc.:	0.1 mg / 0.1 mg/ml
Clone:	2G5
Immunogen:	Purified H-2K ^b and H-2D ^b MHC-I molecules.
Host/Isotype:	Mouse IgG2b
Format:	This antibody is supplied as liquid, Protein G affinity purified immunoglobulin fraction, conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) in PBS buffer with 0.09% sodium azide as preservative and 1% BSA as stabilizer.
Applications:	Flow cytometry: neat - 1/5; use 10 µl of the suggested working dilution to label to label 10 ⁶ cells. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises a monomorphic epitope on the mouse MHC class I antigen. The epitope recognised by clone 2G5 is conformation dependent and is reported to be phylogenetically conserved. Cross reacts with Sheep, dog, pig, cow, guinea pig and rat. Granulocytes are weak or negative in some species tested.
Storage:	Store the antibody at 4-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
References:	1. Claesson, M.H. <i>et al.</i> (1994). Antibodies directed against monomorphic and evolutionary conserved self epitopes may be generated in 'knock-out' mice. Development of monoclonal antibodies directed against monomorphic MHC class I determinants. <i>Scand. J. Immunol.</i> 40: 257 - 264.

SM1855F/ME1203

For research and *in vitro* use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline • Technical Questions • Antibody Location Service
0800-2274746
service@acris-antibodies.de

www.acris-antibodies.com