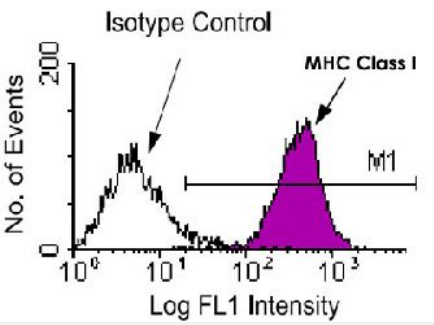
H2-D2 monoclonal antibody, clone 28-14-8 (FITC)

Catalog # MAB5814 Size 500 ug

Applications



Flow Cytometry

Splenocytes from DBA1/J mice were stained with H2-D2 monoclonal antibody, clone 28-14-8 (FITC) (Cat # MAB5814). Small lymphocytes were then gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Mouse monoclonal antibody raised against native H2-D2.
Immunogen	Native purified from C3H.SW mouse splenocytes.
Host	Mouse
Reactivity	Mouse
Specificity	An epitope in the alpha3 domain of H-2Db.
Form	Liquid
Conjugation	FITC
Isotype	IgG2a, kappa
Recommend Usage	Flow Cytometry (1 ug/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)

Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry

Splenocytes from DBA1/J mice were stained with H2-D2 monoclonal antibody, clone 28-14-8 (FITC) (Cat # MAB5814). Small lymphocytes were then gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Publication Reference

- Cloning and functional characteristics of murine large granular lymphocyte-1: a member of the Ly-49 gene family (Ly-49G2).

  Mason LH, Ortaldo JR, Young HA, Kumar V, Bennett M, Anderson SK.

  The Journal of Experimental Medicine 1995 Aug; 182(2):293.

  Application: Flow Cyt, Mouse, Mouse natural killer cells

- Fibroblasts as efficient antigen-presenting cells in lymphoid organs.

  Kundig TM, Bachmann MF, DiPaolo C, Simard JJ, Battegay M, Lother H, Gessner A, Kuhlcke K, Ohashi PS, Hengartner H, et al..

  Science 1995 Jun; 268(5215):1343.

  Application: Func, Mouse, L929 cells

- Beta 2-microglobulin deficient mice lack CD4-8+ cytolytic T cells.

  Zijlstra M, Bix M, Simister NE, Loring JM, Raulet DH, Jaenisch R.

  Nature 1990 Apr; 344(6268):742.

  Application: Flow Cyt, Mouse, Mouse embryonic fibroblasts