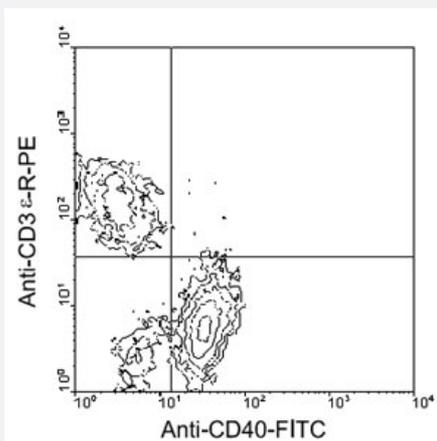


Cd40 monoclonal antibody, clone 1C10

Catalog # MAB5607 Size 500 ug

Applications



Flow Cytometry

Cells from BALB/c spleen were stained with Cd40 monoclonal antibody-FITC and hamster anti CD3e-PE, gated on small lymphocytes and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Rat monoclonal antibody raised against partial Cd40.
Immunogen	Extracellular domain of mouse Cd40.
Host	Rat
Reactivity	Mouse
Specificity	Mouse CD40, Mr 45-50 KDa.
Form	Liquid
Isotype	IgG2a
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 100 mM BBS, pH 8.2
Storage Instruction	Store at 4°C.

Applications

- Immunoprecipitation
- Flow Cytometry

Cells from BALB/c spleen were stained with Cd40 monoclonal antibody-FITC and hamster anti CD3e-PE, gated on small lymphocytes and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Gene Info — Cd40

Entrez GeneID	21939
Gene Name	Cd40
Gene Alias	A1326936, Bp50, GP39, HIGM1, IGM, IMD3, T-BAM, TRAP, Tnfrsf5, p50
Gene Description	CD40 antigen
Gene Ontology	Hyperlink
Gene Summary	member 5
Other Designations	OTTMUSP00000017667 OTTMUSP00000017739 T-cell differentiation antigen tumor necrosis factor receptor superfamily, member 5

Publication Reference

- [Switch off inflammation in spleen cells with CD40-targeted PLGA nanoparticles containing dimethyl fumarate.](#)

Sahar Khosravi, Hassan Bardania, Reza Mansouri, Mohammad Taher Tahoori, Fereshte Ghafari, Adel Mohammadzdeh, Mohamad Hassan Fouani, Ali Akbar Pourfathollah, Masoud Soleimani.

Colloids and Surfaces. B, Biointerfaces 2021 Dec; 208:112091.

Application: Conjugation, Func, Mouse, Mouse splenocytes, PLGA nanoparticles

- [Acquisition of CD40 expression during murine B-cell differentiation.](#)

Grandien A, Bras A, Martinez C.

Scandinavian Journal of Immunology 1996 Jan; 43(1):47.

Application: Flow Cyt, Mouse, NFS.5cells, Lymphocytes, WEHI-231 cells

- [Antibodies to murine CD40 protect normal and malignant B cells from induced growth arrest.](#)

Santos-Argumedo L, Gordon J, Heath AW, Howard M.

Cell 1994 Jul; 156(2):272.

Application: Blocking, Func, Flow Cyt, IF, Mouse , CH31, WEHI231 cells, Mouse B cells

- [How B and T cells talk to each other.](#)

Clark EA, Ledbetter JA.

Nature 1994 Feb; 367(6462):425.