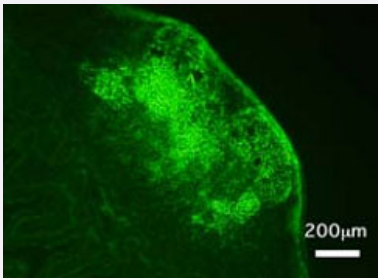


Fcαr monoclonal antibody, clone TX61

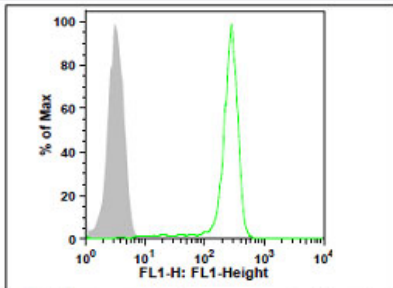
Catalog # MAB6585 Size 50 ug

Applications

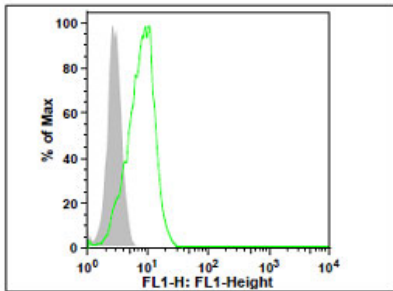


Immunofluorescence

Immunofluorescence staining of mouse Peyer's patch with Fcαr monoclonal antibody, clone TX61 (Cat # MAB6585).



[FCM] Mouse FCAMR expressing Ba/F3 cells



[FCM] Human FCAMR expressing Ba/F3 cells

Flow Cytometry

Flow cytometric analysis from mouse Fcαr expressing Ba/F3 cells.

Specification

Product Description Mouse monoclonal antibody raised against native Fcαr.

Immunogen Native from Mouse Fcαr expressing cell line.

Host Mouse

Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Immunoprecipitation (5-10 ug/mL) Flow Cyt (0.5-1 ug/mL) Immunofluorescence (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.1% proclin, 2% Block Ace)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence

Immunofluorescence staining of mouse Peyer's patch with Fc α m α r monoclonal antibody, clone TX61 (Cat # MAB6585).

- Immunoprecipitation

- Flow Cytometry

Flow cytometric analysis from mouse Fc α m α r expressing Ba/F3 cells.

Gene Info — Fc α m α r

Entrez GeneID	64435
Gene Name	Fc α m α r
Gene Alias	MGC129330, MGC129331
Gene Description	Fc receptor, IgA, IgM, high affinity
Gene Ontology	Hyperlink
Gene Summary	Fc receptor
Other Designations	Fc IgA/IgM receptor Fc α /m receptor

Publication Reference

- [Enhanced humoral immune responses against T-independent antigens in Fc alpha/muR-deficient mice.](#)

Honda S, Kurita N, Miyamoto A, Cho Y, Usui K, Takeshita K, Takahashi S, Yasui T, Kikutani H, Kinoshita T, Fujita T, Tahara-Hanaoka S, Shibuya K, Shibuya A.

PNAS 2009 Jun; 106(27):11230.

- [Molecular characteristics of IgA and IgM Fc binding to the Fc alpha/muR.](#)

Cho Y, Usui K, Honda S, Tahara-Hanaoka S, Shibuya K, Shibuya A.

Biochemical and Biophysical Research Communications 2006 Jun; 345(1):474.

Application: Flow Cyt, Mouse, BW5147-mFca/mR cells

- [Fc alpha/mu receptor mediates endocytosis of IgM-coated microbes.](#)

Shibuya A, Sakamoto N, Shimizu Y, Shibuya K, Osawa M, Hiroyama T, Eyre HJ, Sutherland GR, Endo Y, Fujita T, Miyabayashi T, Sakano S, Tsuji T, Nakayama E, Phillips JH, Lanier LL, Nakauchi H.

Nature Immunology 2000 Nov; 1(5):441.

Application: Flow Cyt, Mouse, Spleen, Peripheral blood cells