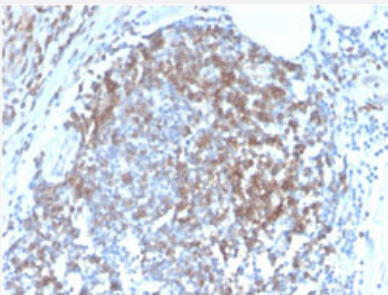


RecomAb™

CD6 recombinant monoclonal antibody, clone C6/2884R

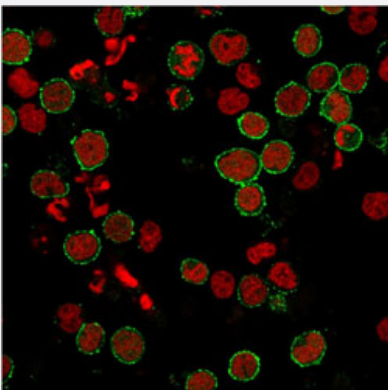
Catalog # RAB00667 Size 100 ug

Applications



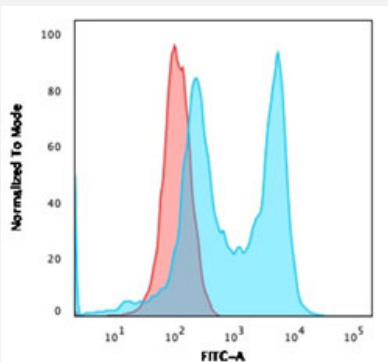
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human tonsil.



Immunofluorescence

Immunofluorescence staining of MOLT-4 cells. Goat anti-rabbit IgG conjugated to CF488 (Green) ; Nuclei are stained with Reddot.



Flow Cytometry

Flow cytometric analysis of MOLT-4 cells. This antibody followed by goat anti-rabbit IgG-CF488 (Blue). Isotype Control (Red).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against full length human CD6.
Antibody Species	Rabbit
Immunogen	Recombinant protein corresponding to full-length human CD6.
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1-2 ug/million cells) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Immunofluorescence (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 mg/mL PBS
Storage Instruction	Store at -20 to -80°C.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human tonsil.

- Immunofluorescence

Immunofluorescence staining of MOLT-4 cells. Goat anti-rabbit IgG conjugated to CF488 (Green) ; Nuclei are stained with Reddot.

- Flow Cytometry

Flow cytometric analysis of MOLT-4 cells. This antibody followed by goat anti-rabbit IgG-CF488 (Blue). Isotype Control (Red).

Gene Info — CD6

Entrez GeneID	923
Protein Accession#	P30203
Gene Name	CD6

Gene Alias	FLJ44171, TP120
Gene Description	CD6 molecule
Omim ID	186720
Gene Ontology	Hyperlink
Gene Summary	CD6 is a monomeric 105- or 130-kD membrane glycoprotein that is involved in T-cell activation. The size difference between the 2 CD6 forms is due to differences in phosphorylation (Robinson et al., 1995 [PubMed 7589069]).[supplied by OMIM]
Other Designations	CD6 antigen

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)