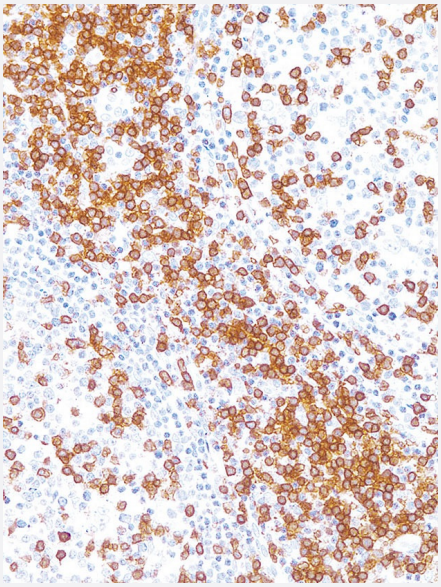
CD3 monoclonal antibody, clone IHC534

Catalog # MAB23858 Size

Applications



Immunohistochemistry

Immunofluorescent staining of tonsil with CD3E monoclonal antibody, clone IHC534 (Cat # MAB23858) shows positivity in membranous.

Specification

Product Description	Rabbit monoclonal antibody raised against CD3E.
Host	Rabbit
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In tris buffer, pH 7.3 to 7.7, with 1% BSA and < 0.1% sodium azide.
Storage Instruction	Store at 4°C. Do not freeze.

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Applications

- Immunohistochemistry

  Immunofluorescent staining of tonsil with CD3E monoclonal antibody, clone IHC534 (Cat # MAB23858) shows positivity in membranous.

Gene Info — CD3E

Entrez GeneID	916
Gene Name	CD3E
Gene Alias	FLJ18683, T3E, TCRE
Gene Description	CD3e molecule, epsilon (CD3-TCR complex)
Omim ID	186830
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the CD3-epsilon polypeptide, which together with CD3-gamma, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. The epsilon polypeptide plays an essential role in T-cell development. Defects in this gene cause immunodeficiency. This gene has also been linked to a susceptibility to type I diabetes in women. [provided by RefSeq
Other Designations	CD3-epsilon|CD3E antigen, epsilon polypeptide|CD3e antigen, epsilon polypeptide (TiT3 complex)|T-cell antigen receptor complex, epsilon subunit of T3|T-cell surface antigen T3/Leu-4 epsilon chain|T-cell surface glycoprotein CD3 epsilon chain

Pathway

- Hematopoietic cell lineage
- Primary immunodeficiency
- T cell receptor signaling pathway

Disease

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- Asthma
- Cardiovascular Diseases
- Celiac Disease
- Depressive Disorder
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Inflammation

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