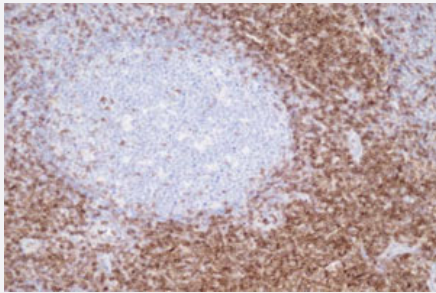


# CD3E monoclonal antibody, clone N26-R

Catalog # MAB9762      Size 100 uL

## Applications



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

Formalin-fixed and paraffin-embedded human tonsil tissue (4 µm) stained with CD3E monoclonal antibody, clone N26-R (Cat # MAB9762) shows strong immunostaining of T-lymphocytes.

Kindly performed and provided by Katarina Poliaková, MD and L'ubomir Straka, MD, Ph. D. from Clinical Pathology Presov, Ltd., Presov, Slovak republic.

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic peptide of CD3E.
<b>Immunogen</b>	A synthetic peptide corresponding to C-terminus of human CD3E.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Mouse
<b>Form</b>	Liquid
<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-1:200) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 20 mM Tris-HCl, pH 8.0 (20 mg/mL BSA, 0.05% sodium azide)
<b>Storage Instruction</b>	Store at 4°C.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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

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- Immunohistochemistry (Frozen sections)

## Gene Info — CD3E

**Entrez GeneID** [916](#)

**Protein Accession#** [P07766](#)

**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

- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Inflammation](#)