

# CD3e (T-Cell Marker) Antibody - With BSA and Azide

Rabbit Polyclonal Antibody  
Catalog # AH10840

## Product Information

---

<b>Application</b>	WB, IF, FC
<b>Primary Accession</b>	<a href="#">P07766</a>
<b>Other Accession</b>	<a href="#">916</a> , <a href="#">3003</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit / IgG
<b>Clone Names</b>	
<b>Calculated MW</b>	20 kDa

## Additional Information

---

<b>Other Names</b>	T-cell surface glycoprotein CD3 epsilon chain, T-cell surface antigen T3/Leu-4 epsilon chain, CD3e, CD3E, T3E
<b>Application Note</b>	WB~~1:1000 IF~~1:50~200 FC~~1:10~50
<b>Format</b>	200ug/ml of Ab purified from rabbit anti-serum by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml.
<b>Storage</b>	Store at 2 to 8°C. Antibody is stable for 24 months.
<b>Precautions</b>	CD3e (T-Cell Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

### Background

---

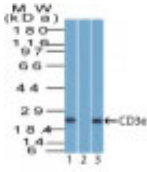
Recognizes the  $\epsilon$ -chain of CD3, which consists of five different polypeptide chains (designated as  $\gamma$ ,  $\delta$ ,  $\epsilon$ ,  $\zeta$ , and  $\eta$ ) with MW ranging from 16-28kDa. The CD3 complex is closely associated at the lymphocyte cell surface with the T cell antigen receptor (TCR). Reportedly, CD3 complex is involved in signal transduction to the T cell interior following antigen recognition. The CD3 antigen is first detectable in early thymocytes and probably represents one of the earliest signs of commitment to the T cell lineage. In cortical thymocytes, CD3 is predominantly intra-cytoplasmic. However, in medullary thymocytes, it appears on the T cell surface. CD3 antigen is a highly specific marker for T cells, and is present in majority of T cell neoplasms.

### References

---

## Images

---



Western Blot of CD3e in human Jurkat cells (1) absence and (2) presence of immunizing peptide. (3) Mouse thymus probed with CD3e Rabbit Polyclonal Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.