

Rabbit anti-Human CD3 Epsilon Monoclonal Antibody | anti-CD3 Epsilon antibody

CD3 Epsilon RMaB

CATALOG # AAA59183	HOST Rabbit	REACTIVITY Human
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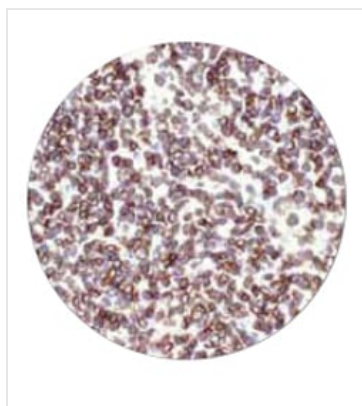
PRODUCT SYNONYMS

CD3 Epsilon; Monoclonal Antibody; CD3 Epsilon RMaB; anti-CD3 Epsilon antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	RBT-CD3e
Form/Format	CD3 is a rabbit monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Control	Tonsil, Lymph Node
Localization	Membranous
Reactivity Note	Paraffin, Frozen
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohiostchemistry)

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:100-1:500	0.1 ml
Concentrated	1:100-1:500	0.5 ml
Concentrated	1:100-1:500	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-CD3 Epsilon antibody	The CD3 antigen is a protein complex composed of three distinct chains (CD3gamma, CD3delta and CD3epsilon) that associate with T-cell receptors and the zeta-chain to generate an activation signal in T-lymphocytes. The TCR, zeta-chain and CD3 molecules together comprise the TCR complex. The CD3gamma, CD3delta and CD3epsilon chains are highly-related cell surface proteins of the immunoglobulin superfamily containing a single extracellular immunoglobulin domain. The intracellular tails of the CD3 molecules contain a single conserved motif known as an immunoreceptor tyrosine-based activation motif (or ITAM for short), which is essential for the signaling capacity of the TCR. Phosphorylation of the ITAM on CD3 renders the CD3 chain capable of binding the enzyme ZAP70 (zeta-associated protein), a kinase important in the signaling cascade of the T-cell. The CD3 has been considered the best all-around T-cell marker. This antibody reacts with an antigen present in early thymocytes. The positive staining of this marker may represent a sign of early commitment to the T-cell lineage.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1914807
UniProt Accession #	P79951; O13176
Molecular Weight	18,897 Da
NCBI Official Full Name	cd3
UniProt Protein Name	CD3gamma/delta
UniProt Gene Name	cd3g
UniProt Synonym Gene Names	cd3
UniProt Entry Name	P79951_XENLA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd3-epsilon-antibody-clone-rbt-cd3e-elisa/59183>