

Product datasheet for **AM26052PU-N**

CD3E Mouse Monoclonal Antibody [Clone ID: CRIS-7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CRIS-7
Applications:	FC, IHC
Recommended Dilution:	Immunohistochemistry on Frozen Sections: ≤ 0.1 µg/ml (1:2000). Does not react with formalin fixed cells (epitope is not fixation resistant). Antibody has been described to work in FACS. <i>Suggested Positive Control:</i> Human tonsil.
Reactivity:	Human, Monkey, Rhesus Monkey
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Stimulated Human leukocytes
Specificity:	This antibody detects Human CD3. Antigen Distribution on Isolated cells: Peripheral T cells.
Formulation:	Stock solution contains 0.2 mg/ml IgG, PBS, pH 7.2 with 5 mg/ml BSA as stabilizer and 0.09% Sodium Azide as a preservative State: Aff - Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore by adding 0.5 ml distilled water
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD3e molecule



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Database Link: [Entrez Gene 699467 Monkey](#)[Entrez Gene 916 Human](#)
[P07766](#)

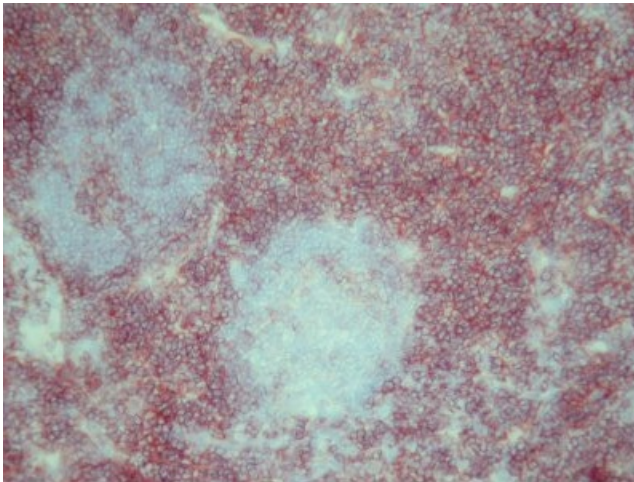
Background: The CD3 antigen is a protein complex composed of four distinct chains (CD3 γ , CD3 δ and two CD3 ϵ) that associate with the T cell receptor (TCR) and the ζ -chain to generate an activation signal in T lymphocytes. The TCR, ζ -chain and CD3 molecules together comprise the TCR complex. The CD3 γ , CD3 δ and CD3 ϵ chains are highly related cell surface proteins of the immunoglobulin superfamily containing a single extracellular immunoglobulin domain.

Synonyms: T3/Leu-4

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Hematopoietic cell lineage, Primary immunodeficiency, T cell receptor signaling pathway

Product images:



Immunohistochemistry on Frozen Sections:
Staining of human tonsil with CD3 Antibody Cat.-
No AM26052PU-N