

Product datasheet for **DM422**

CD3E Mouse Monoclonal Antibody [Clone ID: F7.2.38]

Product data:

Product Type:	Primary Antibodies
Clone Name:	F7.2.38
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Formalin-Fixed Paraffin Embedded Sections: Use at 1/10-1/25 dilution in an ABC method (30-60 minutes at room temperature. High temperature treatment of formalin-fixed tissue sections with 1 mM EDTA buffer, pH 9.0 must be performed prior to the immunostaining. Immunohistochemistry on Frozen Sections (Not tested) Recommended Positive Control: Tonsil.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified CD3 ϵ γ δ /CD3 ω
Specificity:	This antibody labels CD3 and is useful tool for the identification of T cells and related neoplasms. Cellular Localization: Membrane and cytoplasmic.
Formulation:	State: Supernatant State: Liquid tissue culture supernatant Preservative: <0.1 Sodium Azide
Conjugation:	Unconjugated
Storage:	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
Database Link:	Entrez Gene 916 Human P07766

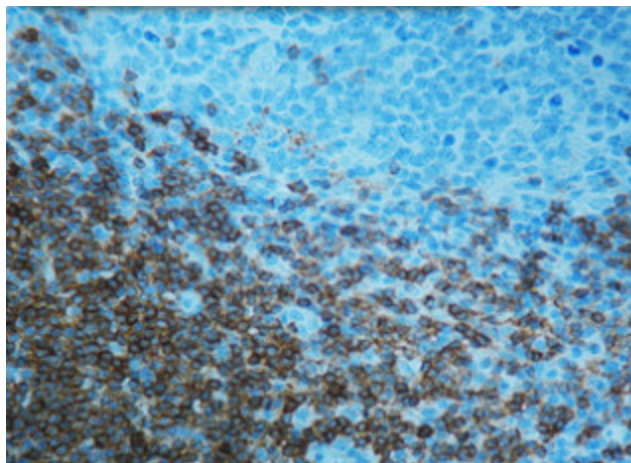


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Background: CD3 is first detectable in early Thymocytes and its appearance probably represents one of the earliest signs of commitment to T cell lineage. In cortical Thymocytes, the antigen is predominantly present as an intracytoplasmic constituent.

Synonyms: T3/Leu-4

Product images:



Formalin fixed paraffin embedded human tonsil stained with CD3 antibody (DM422)