

## CAB9770

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### Product Information

<b>Product SKU:</b>	CAB9770	<b>Gene ID:</b>	915	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC1741	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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### Additional Information

<b>Observed MW:</b>	23kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	19kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** The protein encoded by this gene is part of the T-cell receptor/CD3 complex (TCR/CD3 complex) and is involved in T-cell development and signal transduction. The encoded membrane protein represents the delta subunit of the CD3 complex, and along with four other CD3 subunits, binds either TCR alpha/beta or TCR gamma/delta to form the TCR/CD3 complex on the surface of T-cells. Defects in this gene are a cause of severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/NK-cell-positive (SCIDBNK). Two transcript variants encoding different isoforms have been found for this gene. Other variants may also exist, but the full-length natures of their transcripts has yet to be defined.

**Recommended Dilution:** WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200 FC,1:50 - 1:200

**Synonyms:** T3D; IMD19; CD3DELTA; CD3-DELTA; CD3D

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 72-171 of human CD3D (P04234).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.