

## Product datasheet for **TA369924**

### CD247 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Jurkat cell lysate IHC: 25-100 Positive control: Human gastric cancer Predicted cell location: Cell membrane
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human CD247
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	19 kDa
Gene Name:	CD247 molecule
Database Link:	<a href="#">Entrez Gene 919 Human P20963</a>

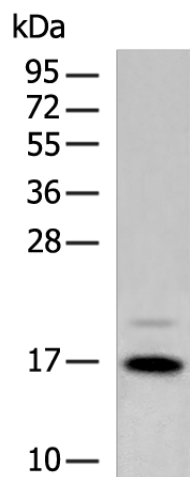
**Background:** The protein encoded by this gene is T-cell receptor zeta, which together with T-cell receptor alpha/beta and gamma/delta heterodimers, and with CD3-gamma, -delta and -epsilon, forms the T-cell receptor-CD3 complex. The zeta chain plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. Low expression of the antigen results in impaired immune response. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.



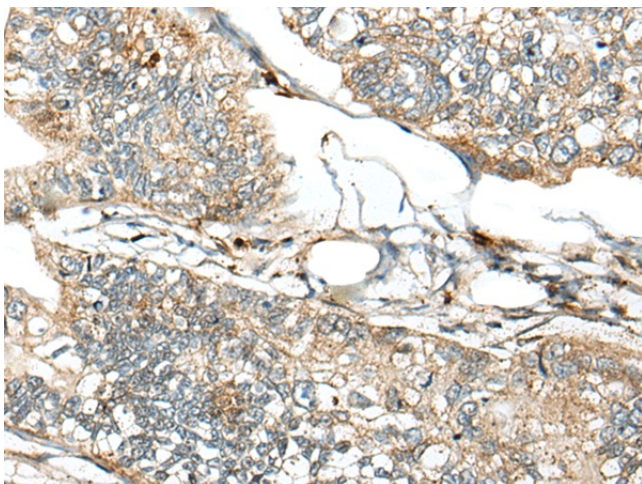
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Synonyms: CD3-ZETA; CD3H; CD3Q; CD3Z; T3Z; TCRZ

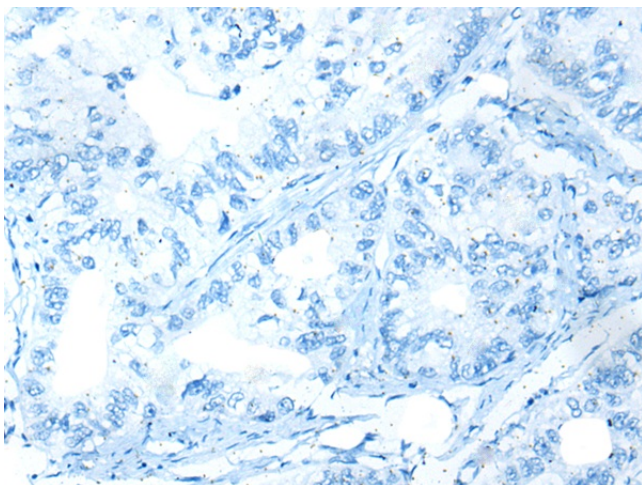
### Product images:



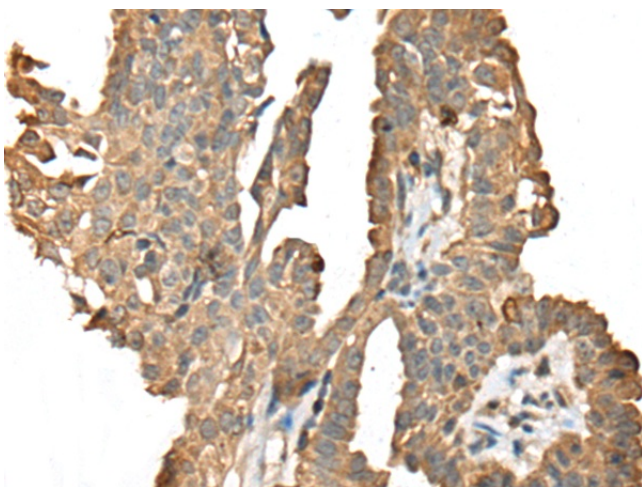
Gel: 12%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Jurkat cell lysate  
Primary antibody: TA369924 (CD247 Antibody) at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 20 seconds



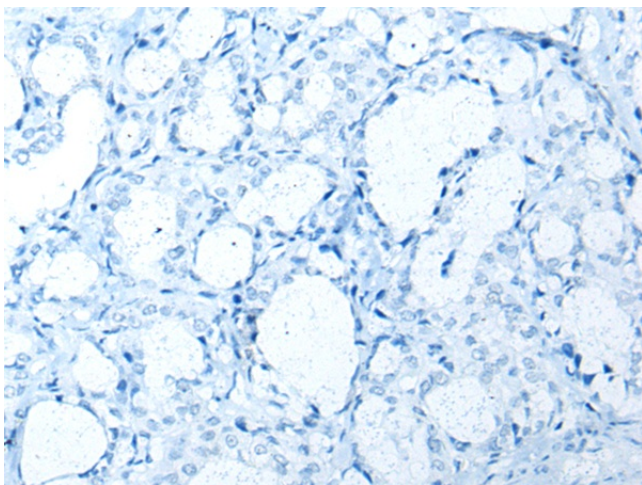
Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA369924 (CD247 Antibody) at dilution 1/30 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA369924 (CD247 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA369924 (CD247 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA369924 (CD247 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)