

## Product datasheet for **TA349257S**

### **ORAI1 Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB: 200-1000 WB positive control: K562, 231 and SKOV3 cells IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Fusion protein of human TNFSF13B
<b>Formulation:</b>	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
<b>Purification:</b>	Antigen affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	31 kDa
<b>Gene Name:</b>	ORAI calcium release-activated calcium modulator 1
<b>Database Link:</b>	<a href="#">NP_116179</a> <a href="#">Entrez Gene 84876 Human</a> <a href="#">Q96D31</a>

**Background:** The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR. This cytokine is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and differentiation of B cells. Alternatively spliced transcript variants encoding distinct isoforms have been identified.

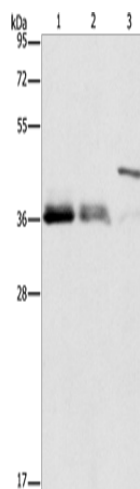


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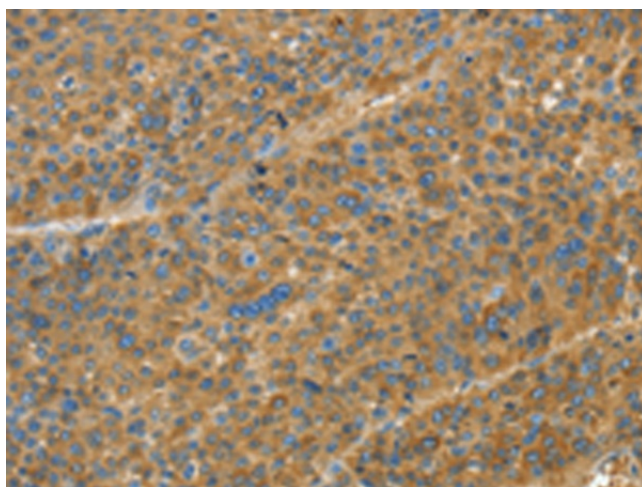
**Synonyms:** CRACM1; IMD9; ORAT1; TAM2; TMEM142A

**Protein Families:** Transmembrane

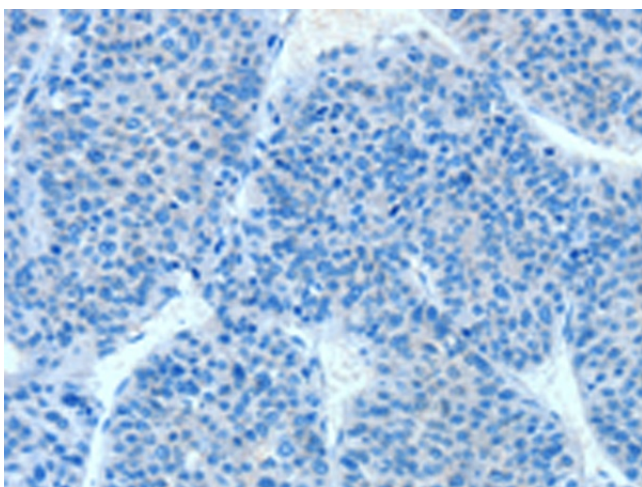
**Product images:**



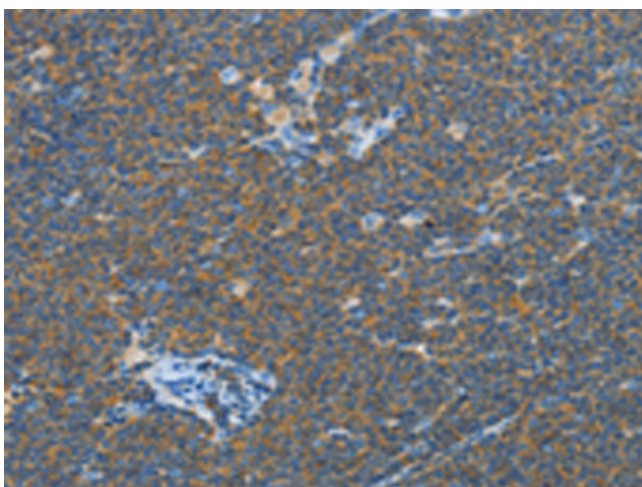
Gel: 10%SDS-PAGE  
 Lysate: 40 µg  
 Lane 1-3: K562 cells  
 231 cells  
 SKOV3 cells  
 Primary antibody: [TA349257] (TNFSF13B  
 Antibody) at dilution 1/200  
 Secondary antibody: Goat anti rabbit IgG at  
 1/8000 dilution  
 Exposure time: 10 seconds



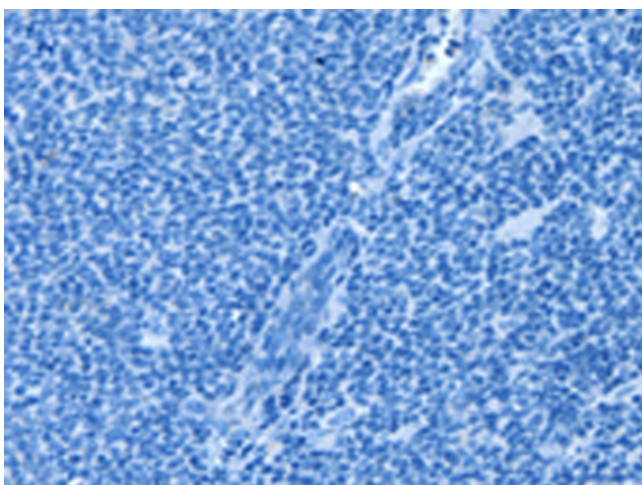
Immunohistochemistry of paraffin-embedded  
 Human liver cancer tissue using [TA349257]  
 (TNFSF13B Antibody) at dilution 1/20 (Original  
 magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA349257] (TNFSF13B Antibody) at dilution 1/20, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lymphoma tissue using [TA349257] (TNFSF13B Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lymphoma tissue using [TA349257] (TNFSF13B Antibody) at dilution 1/20, treated with fusion protein. (Original magnification:  $\times 200$ )