

## Product datasheet for **TA371166**

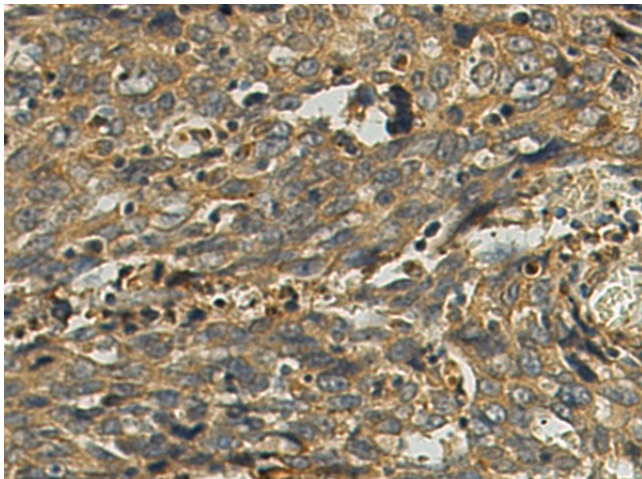
### **ORAI1 Rabbit Polyclonal Antibody**

#### **Product data:**

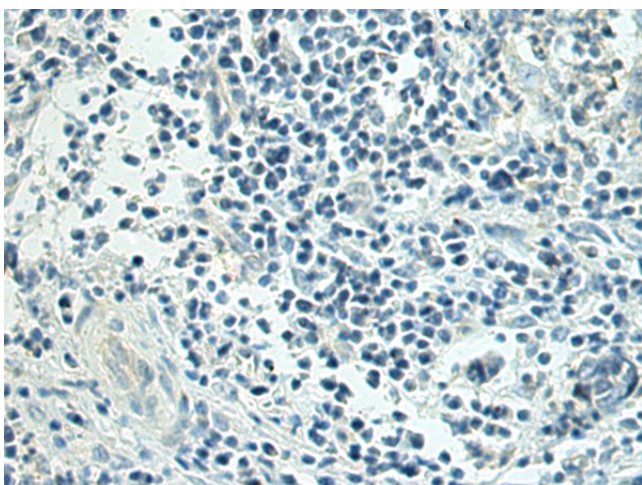
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC
<b>Recommended Dilution:</b>	IHC: 50-200 Positive control: Human esophagus cancer Predicted cell location: Cell membrane
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Synthetic peptide of human ORAI1(L1)
<b>Formulation:</b>	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Antigen affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C.
<b>Stability:</b>	1 year
<b>Gene Name:</b>	ORAI calcium release-activated calcium modulator 1
<b>Database Link:</b>	<a href="#">Entrez Gene 84876 Human Q96D31</a>
<b>Background:</b>	The protein encoded by this gene is a membrane calcium channel subunit that is activated by the calcium sensor STIM1 when calcium stores are depleted. This type of channel is the primary way for calcium influx into T-cells. Defects in this gene are a cause of immune dysfunction with T-cell inactivation due to calcium entry defect type 1 (IDTICED1).
<b>Synonyms:</b>	CRACM1; FLJ14466; ORAT1; TMEM142A



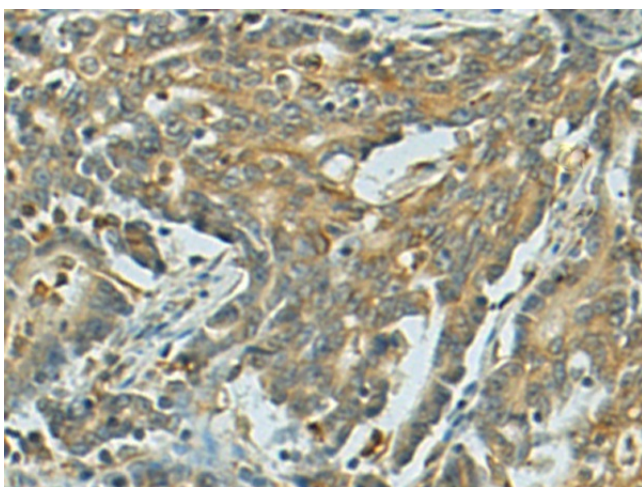
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**Product images:**

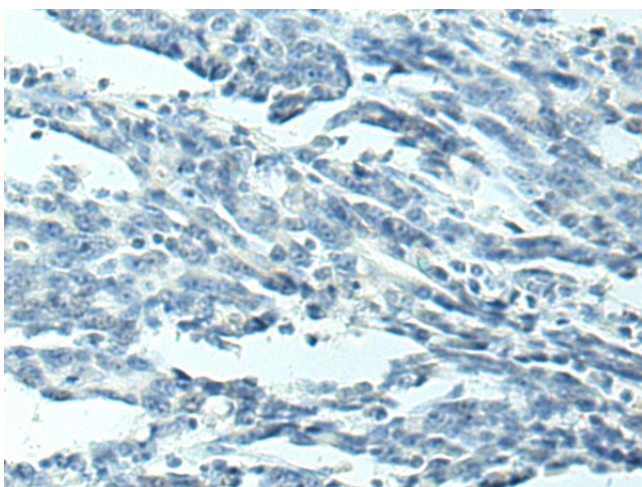
Immunohistochemistry of paraffin-embedded Human esophagus cancer using TA371166 (ORAI1(L1) Antibody) at dilution 1/50 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human esophagus cancer using TA371166 (ORAI1(L1) Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer using TA371166 (ORAI1(L1) Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer using TA371166 (ORAI1(L1) Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)