

## Product datasheet for **TA335013**

### ICT1 (MRPL58) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ICT1 antibody: synthetic peptide directed towards the middle region of human ICT1. Synthetic peptide located within the following region: AEWIAEPVRQKIAITHKNKINRLGELILTSESSRYQFRNLADCLQKIRDM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	23 kDa
Gene Name:	immature colon carcinoma transcript 1
Database Link:	<a href="#">NP_001536</a> <a href="#">Entrez Gene 3396 Human</a> <a href="#">Q14197</a>



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**Background:**

The adult colon epithelium contains 3 differentiated cell types that arise from a multipotent stem cell. Deviation from the normal maturation pathway by neoplastic transformation is thought to initiate in stem cells or their early descendants. One potential marker is ICT1 whose mRNA and protein were more highly expressed in undifferentiated than in differentiated cells. The adult colon epithelium contains 3 differentiated cell types that arise from a multipotent stem cell. Deviation from the normal maturation pathway by neoplastic transformation is thought to initiate in stem cells or their early descendants. One potential marker is ICT1 whose mRNA and protein were more highly expressed in undifferentiated than in differentiated cells.

**Synonyms:**

DS-1; DS1; ICT1; MRP-L58

**Note:**

Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Guinea pig: 100%; Dog: 93%; Horse: 93%; Bovine: 93%

**Product images:**

WB Suggested Anti-ICT1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: Human Thymus