

## Product datasheet for **TA371404**

### **RIZ1 (PRDM2) Rabbit Polyclonal Antibody**

#### **Product data:**

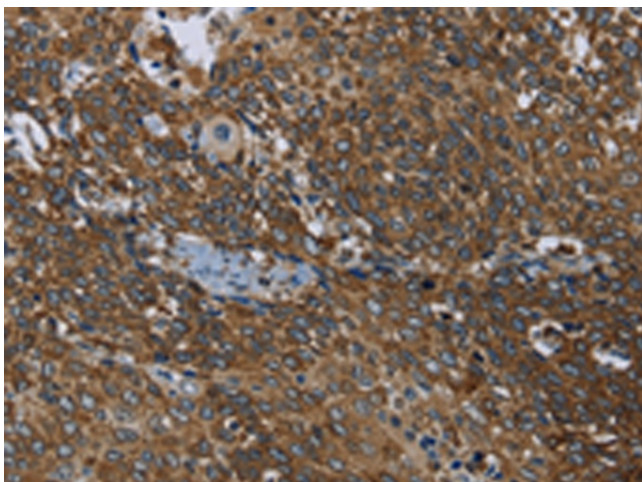
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human cervical cancer Predicted cell location: Cytoplasm or Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human PRDM2
Formulation:	pH7.4 PBS, 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
Gene Name:	PR domain 2
Database Link:	<a href="#">Entrez Gene 7799 Human Q13029</a>

**Background:** This tumor suppressor gene is a member of a nuclear histone/protein methyltransferase superfamily. It encodes a zinc finger protein that can bind to retinoblastoma protein, estrogen receptor, and the TPA-responsive element (MTE) of the heme-oxygenase-1 gene. Although the functions of this protein have not been fully characterized, it may (1) play a role in transcriptional regulation during neuronal differentiation and pathogenesis of retinoblastoma, (2) act as a transcriptional activator of the heme-oxygenase-1 gene, and (3) be a specific effector of estrogen action. Multiple transcript variants encoding different isoforms have been found for this gene.

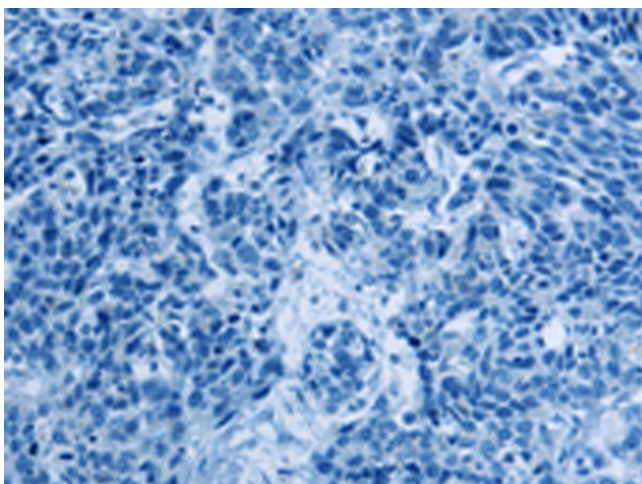
**Synonyms:** HUMHOXY1; KMT8; MTB-ZF; OTTHUMP0000009687; RIZ; RIZ1; RIZ2



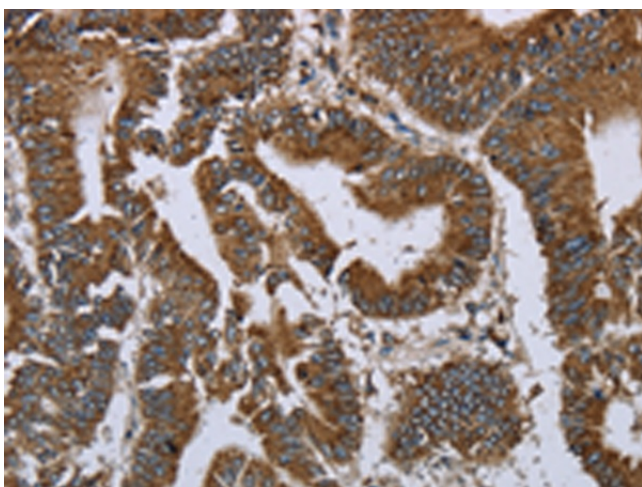
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**Product images:**

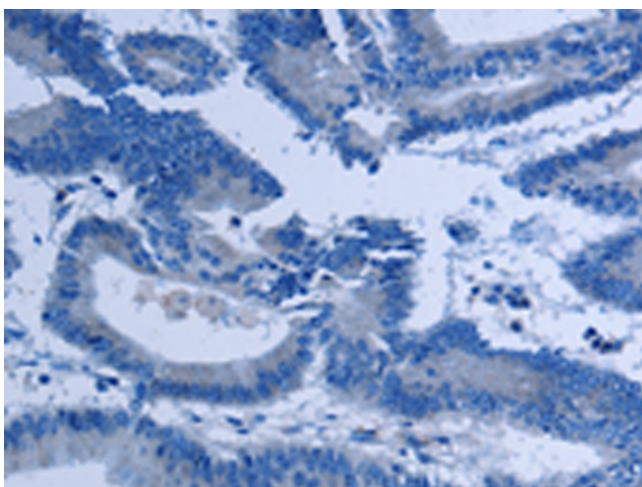
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA371404 (PRDM2 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA371404 (PRDM2 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA371404 (PRDM2 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA371404 (PRDM2 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification:  $\times 200$ )