

## Product datasheet for **CF505177**

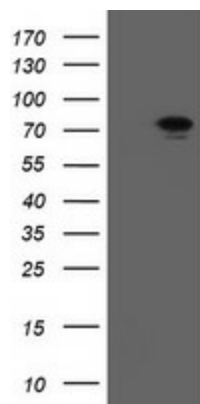
### **RIOK2 Mouse Monoclonal Antibody [Clone ID: OTI5D11]**

#### **Product data:**

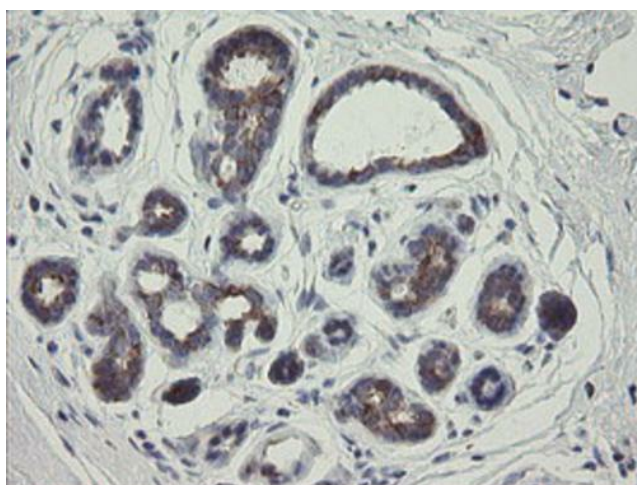
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI5D11
<b>Applications:</b>	FC, IHC, WB
<b>Recommended Dilution:</b>	WB 1:2000, IHC 1:150, FLOW 1:100
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 277-552 of human RIOK2(NP_060813) produced in E.coli.
<b>Formulation:</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Reconstitution Method:</b>	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<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>	63.1 kDa
<b>Gene Name:</b>	RIO kinase 2
<b>Database Link:</b>	<a href="#">NP_060813</a> <a href="#">Entrez Gene 55781 Human</a> <a href="#">Q9BVS4</a>
<b>Synonyms:</b>	RIO2
<b>Protein Families:</b>	Druggable Genome, Protein Kinase



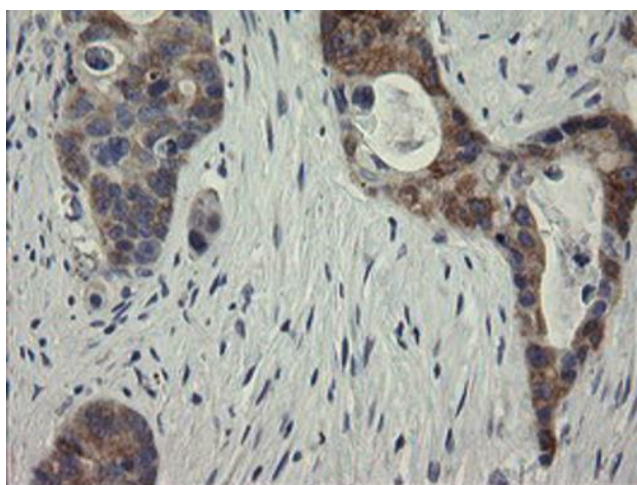
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**Product images:**

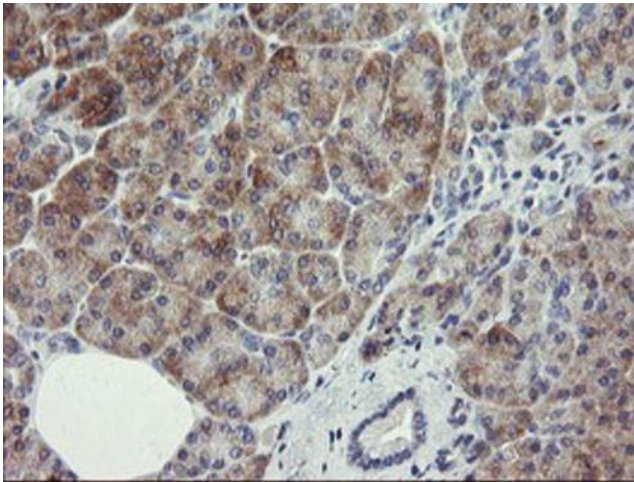
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RIOK2 ([RC201484], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RIOK2. Positive lysates [LY402668] (100ug) and [LC402668] (20ug) can be purchased separately from OriGene.



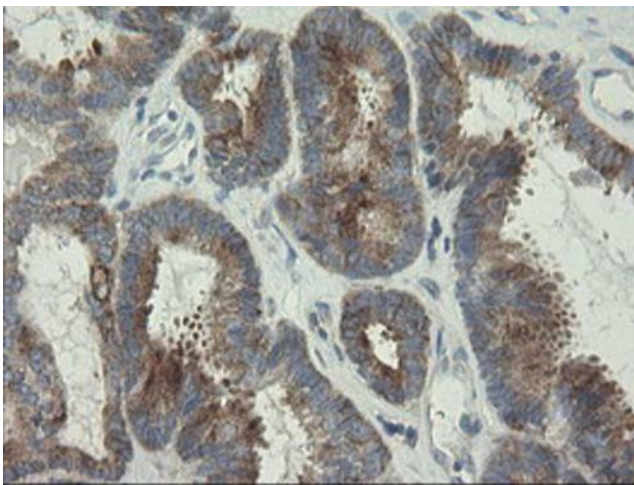
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-RIOK2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505177])



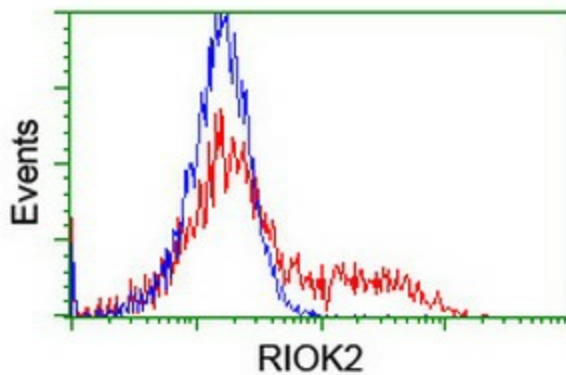
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-RIOK2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505177])



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-RIOK2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505177])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-RIOK2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA505177])



HEK293T cells transfected with either [RC201484] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-RIOK2 antibody ([TA505177]), and then analyzed by flow cytometry.