

#### Product datasheet for CF805706

### OriGene Technologies, Inc.

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## **RET Mouse Monoclonal Antibody [Clone ID: OTI2G6]**

#### **Product data:**

**Product Type:** Primary Antibodies

Clone Name: OTI2G6

Applications: WB

Recommended Dilution: WB 1:500

Reactivity: Human, Rat

Host: Mouse Isotype: IgG1

Clonality: Monoclonal

**Immunogen:** Human recombinant protein fragment corresponding to amino acids 713-1017 of human

RET(NP 066124) produced in E.coli.

**Formulation:** Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)

**Reconstitution Method:** 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)

**Purification:** Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography

(protein A/G)

Conjugation: Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 124.1 kDa

**Gene Name:** ret proto-oncogene

Database Link: NP 066124

Entrez Gene 24716 RatEntrez Gene 5979 Human

P07949

Synonyms: CDHF12; CDHR16; HSCR1; MEN2A; MEN2B; MTC1; PTC; RET-ELE1; RET51

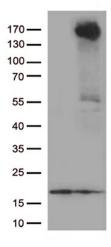
**Protein Families:** Druggable Genome, Protein Kinase, Transmembrane

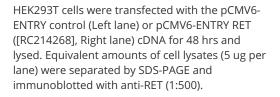


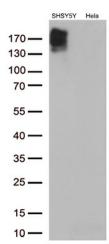


**Protein Pathways:** Endocytosis, Pathways in cancer, Thyroid cancer

# **Product images:**







Western blot analysis of extracts (35ug) from 2 different cell lines by using anti-RET monoclonal antibody (1:500).