

## Product datasheet for **TA807481BM**

### VEGFD Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI6C5]

#### Product data:

|                         |                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------|
| Product Type:           | Primary Antibodies                                                                                                  |
| Clone Name:             | OTI6C5                                                                                                              |
| Applications:           | WB                                                                                                                  |
| Recommended Dilution:   | WB 1:2000                                                                                                           |
| Reactivity:             | Human                                                                                                               |
| Host:                   | Mouse                                                                                                               |
| Isotype:                | IgG1                                                                                                                |
| Clonality:              | Monoclonal                                                                                                          |
| Immunogen:              | Human recombinant protein fragment corresponding to amino acids 89-205 of human FIGF(NP_004460) produced in E.coli. |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol.                                                                       |
| Concentration:          | 0.5 mg/ml                                                                                                           |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)           |
| Conjugation:            | HRP                                                                                                                 |
| Storage:                | Store at -20°C as received.                                                                                         |
| Stability:              | Stable for 12 months from date of receipt.                                                                          |
| Predicted Protein Size: | 37.8 kDa                                                                                                            |
| Gene Name:              | c-fos induced growth factor                                                                                         |
| Database Link:          | <a href="#">NP_004460</a><br><a href="#">Entrez Gene 2277 Human</a><br><a href="#">O43915</a>                       |



[View online »](#)

**Background:**

The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family and is active in angiogenesis, lymphangiogenesis, and endothelial cell growth. This secreted protein undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-2 and VEGFR-3 receptors. This protein is structurally and functionally similar to vascular endothelial growth factor C. Read-through transcription has been observed between this locus and the upstream PIR (GenelD 8544) locus. [provided by RefSeq, Feb 2011]

**Synonyms:**

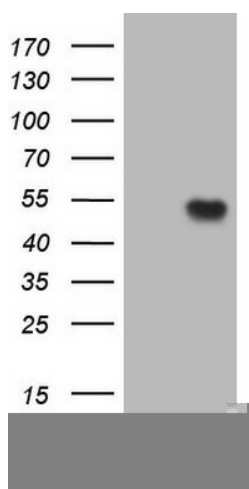
VEGF-D; VEGFD

**Protein Families:**

Druggable Genome, Secreted Protein

**Protein Pathways:**

Bladder cancer, Cytokine-cytokine receptor interaction, Focal adhesion, mTOR signaling pathway, Pancreatic cancer, Pathways in cancer, Renal cell carcinoma

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FIGF ([RC206549], 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-FIGF. Positive lysates [LY417969] (100ug) and [LC417969] (20ug) can be purchased separately from OriGene.