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Product datasheet for TA803421S

VEGFA Mouse Monoclonal Antibody [Clone ID: OTI2E11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2E11
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 206-412 of human VEGFA (NP_001020537) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
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:	45.3 kDa
Gene Name:	vascular endothelial growth factor A
Database Link:	NP_001020537 Entrez Gene 7422 Human P15692
Synonyms:	MVCD1; VEGF; VPF
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, VEGF signaling pathway

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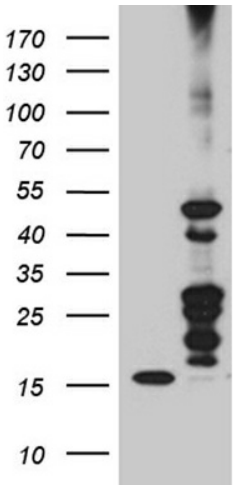
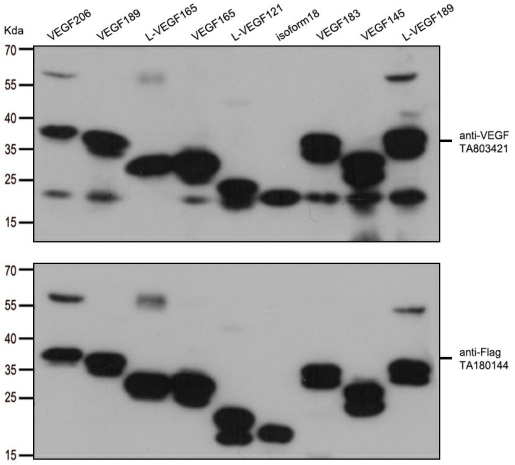
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY VEGFA ([RC223789], 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-VEGFA (1:500).



HEK293T cells were transfected with the overexpression plasmids of 9 VEGF isoforms (from left to right:VEGF206, [RC223789]; VEGF189, [RC229706]; L-VEGF165, [RC223884]; VEGF165, [RC229662]; L-VEGF121, [RC222129]; VEGF iso18, [RC229874]; VEGF183, [RC229686]; VEGF145, [RC231952]; L-VEGF189, [RC224244]) for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-flag antibody ([TA180144], 1:1000) or anti-VEGFA mouse monoclonal antibody. ([TA803421], 1:500)