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Anti-human VEGFR-2/sc-Fv Monoclonal Antibody

Catalog No:	CMV006
Quantity:	100 µg
Range	1:50 – 1:200

Description:
Anti-human VEGFR-2 single chain (VEGFR-2 sc-Fv) antibody was constructed from cDNA of mice immunized with highly purified soluble VEGFR-2 protein expressed in insect cells. Anti-human VEGFR-2 sc-Fv was produced in *E.coli* and affinity purified.

Source:	*E. coli*
Molecular Weight:	~30 kDa
Antigen:	Highly purified human sVEGFR-2/KDR
Purification:	Affinity Chromatography
Preservative:	none
Stabilizer:	none
Buffer:	PBS (Sodium chloride 150 mM; Sodium phosphate 150 mM; pH 7.2)
Formulation:	frozen liquid
Concentration:	200 µg/ml
Reconstitution / Stability	The single chain antibody is supplied as frozen liquid with a concentration of 200 µg/ml. For long time storage we recommend storage at –20°C to –70°C. **Avoid repeated freeze-thaw cycles!**
Specificity:	This antibody will detect human VEGFR-2 in ELISA and FACS applications.

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Application:

The VEGFR-2 sc-Fv antibody has an E-tag for detection by secondary antibodies (e.g. anti-E-tag mouse monoclonal antibody, Amersham Pharmacia No. 27-9412-01).

ELISA: It is recommended that a range of dilutions be utilized in preliminary experiments to determine optimal concentrations for use of this antibody. For most applications, the anti-human VEGFR-2 sc-Fv antibody should be diluted between 1:50 and 1:20 fold.

FACS analysis: To detect surface expressed VEGFR-2 on HUVECs and CD34 + VEGFR-2 + hematopoetic immature cells by FACS analysis this antibody can be used at concentrations of 0.5-5 µg/ml.

Usage: Anti-human VEGFR-2 sc-Fv antibody is offered for research use. Not for drug use. **Not for human use!**

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