



11 Park Drive, Suite 12
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Rabbit Anti-Mouse VE-Statin/EGFL7

ORDERING INFORMATION

Catalog Number:	103-PA14
Size:	100 µg
Formulation:	Polyclonal Antibody ; Lyophilized
Synonyms:	Egfl7; EGF-like domain 7; Zneu1; VE-statin
Antigen:	Recombinant mouse EGFL7
Application:	WB
Uniport:	Q9QXT5
Buffer:	PBS pH 7.4 w/o preservative

Description:

EGFL7 (VE-Statin) is an ~ 30 kDa secreted protein that contains an Emilin-like (EMI) domain (a multimerization motif), and two epidermal growth factor (EGF) domains, one of which binds calcium. Based on these domains, it has been hypothesized that EGFL7 may self-assemble like extracellular matrix (ECM) proteins and, thus, could incorporate into ECM. EGFL7 has been reported to stimulate cell adhesion as well as motility in a manner similar to ECM proteins. EGFL7 has been shown to be primarily expressed by developing ECs but also by primordial germ cells and some central nervous system neurons. Interestingly, EGFL7 expression markedly decreases in ECs in postnatal life, but can be strongly up-regulated after various tissue injuries that lead to increased angiogenic responses.

Reconstitution:

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Stability:

The lyophilized antibody is stable at room temperature for up to 1 month. The reconstituted antibody is stable for at least two weeks at 2-8 °C. Frozen aliquots are stable for at least 6 months when stored at -20 °C. **Avoid repeated freeze-thaw cycles!**

Optimal dilutions should be determined by each laboratory for each application.

The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!

This product is sold for Research Use Only !