EGFL7 (Tumor Angiogenesis Marker) Antibody

Mouse Monoclonal Antibody [Clone EGFL7/9497]

Catalog No	Format	Size
51162-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
51162-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
51162-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

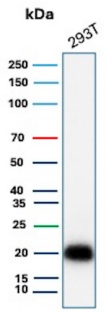
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

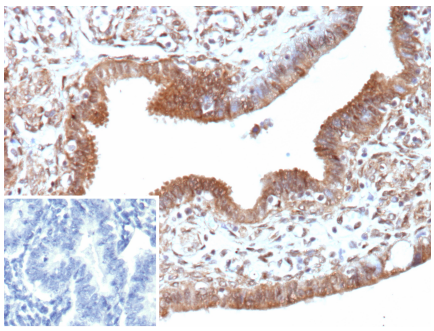
Clone	EGFL7/9497
Gene Name	EGFL7
Immunogen	Recombinant fragment (around aa1-200) of human EGFL7 protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	30kDa
Cellular Localization	Extracellular space, Secreted
Species Reactivity	Human
Positive Control	293T cells. Human endometrium, tonsil, kidney or placenta.

**Optimal dilution for a specific application should be determined.*

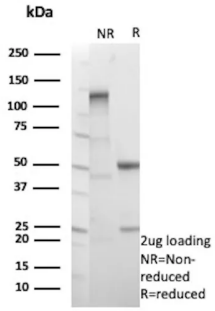
Product Images for EGFL7 (Tumor Angiogenesis Marker) Antibody



Western blot analysis of 293T cell lysate using EGFL7 Mouse Monoclonal Antibody (EGFL7/9497). Predicted band size: 30kDa / Observed band size: 20kDa



Formalin-fixed, paraffin-embedded human tonsil stained with EGFL7 Mouse Monoclonal Antibody (EGFL7/9497). Inset: PBS instead of primary antibody; secondary only negative control.



SDS-PAGE Analysis Purified EGFL7 Mouse Monoclonal Antibody (EGFL7/9497). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

Epidermal growth factor (EGF) repeat-containing proteins constitute an expanding family of proteins that are involved in several cellular activities, such as blood coagulation, fibrinolysis, cell adhesion and neural and vertebrate development. A human EGF repeat superfamily member that maps to human chromosome X, EGFL6, encodes a predicted signal peptide suggesting that it is secreted. EGFL6 is expressed in brain and lung tumors and fetal tissues but is generally absent from normal adult tissues. EGFL7 is a secreted protein that regulates vascular tubulogenesis in vivo. In vitro, EGFL7 inhibits platelet-derived growth factor induced smooth muscle cell migration and promotes adhesion of endothelial cells to the substrate. EGFL7 is expressed specifically by endothelial cells of the heart, lung and kidney.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C.Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Angiogenesis

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.