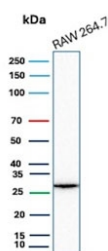


HBEGF Antibody / Heparin-binding EGF-like growth factor / DT-R [clone HBEGF/9503] (V5687)

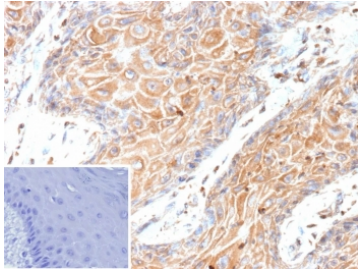
Catalog No.	Formulation	Size
V5687-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5687-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5687SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

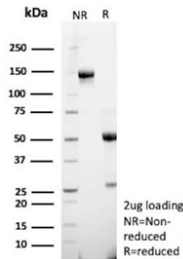
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	HBEGF/9503
Purity	Protein G affinity
UniProt	Q99075
Localization	Cell membrane, Membrane, Secreted
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml Western Blot : 2-4ug/ml
Limitations	This HBEGF antibody is available for research use only.



Western blot testing of mouse RAW264.7 cell lysate with HBEGF antibody. Predicted molecular weight ~23 kDa but may be observed at higher molecular weights due to glycosylation.



IHC staining of FFPE human skin tissue with HBEGF antibody (clone HBEGF/9503). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free HBEGF antibody (clone HBEGF/9503) as confirmation of integrity and purity.

Description

Enables growth factor activity and heparin binding activity. Involved in several processes, including epidermal growth factor receptor signaling pathway; positive regulation of protein kinase B signaling; and positive regulation of wound healing. Located in cell surface and extracellular space. Implicated in glomerulosclerosis and perinatal necrotizing enterocolitis.

Application Notes

Optimal dilution of the HBEGF antibody should be determined by the researcher.

Immunogen

A portion of amino acids 1-208 from human Heparin-binding EGF-like growth factor protein was used as the immunogen for the HBEGF antibody.

Storage

Aliquot the HBEGF antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.