



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-HB-EGF [KM3566] Standard Size Ab04154-1.1

Isotype and Format: Mouse IgG1, Kappa

Clone Number: KM3566

Alternative Name(s) of Target: HBEGF; Proheparin-binding EGF-like growth factor; Heparin-binding EGF-like growth factor; Diphtheria toxin receptor; DT-R

UniProt Accession Number of Target Protein: Q99075

Published Application(s): inhibition, neutralization, WB, ELISA, FC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing mice with human HB-EGF.

Specificity: The antibody is specific for HB-EGF.

Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis. The antibody detected the recombinant secretory human HB-EGF by western blot analysis. The HB-EGF-EGFR binding inhibitory activity of the original antibody was examined using 32D/EGFR cell and biotin-labeled HB-EGF. The original antibody concentration-dependently inhibited binding of biotinylated HB-EGF to EGFR. Further, it could also inhibit binding of HB-EGF with EGFR. The neutralizing activity of the original antibody was examined by a cell growth inhibition assay which used an HB-EGF-dependent cell. The original antibody showed HB-EGF-dependent cell growth inhibition activity for the cell line 32D/EGFR. The original antibody bound to the membrane type and cell membrane-bound HB-EGF of cancer cell lines (human gastric cancer cell line MKN-28, human ovarian cancer cell line ES-2, human breast cancer cell line MDA-MB-231). The binding affinity of the original format of the antibody to human HB-EGF was measured by surface plasmon resonance ($K_a = 2.7 \text{ 1/Ms}$). The original antibody specifically bound to the T cell leukemia and acute myelogenous leukemia cell lines expressing HB-EGF as shown by FC (US7851601B2).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration:

1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.