



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Anti-HGF [1A3] Standard Size Ab04358-10.0

**Isotype and Format:** Human IgG1, Kappa

**Clone Number:** 1A3

**Alternative Name(s) of Target:** SF; Hepatocyte growth factor; Hepatopoietin-A; Scatter factor

**UniProt Accession Number of Target Protein:** P14210

**Published Application(s):** in vivo, SPR, WB, ELISA

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing Balb/c mice with recombinant human HGF.

**Specificity:** The antibody is specific for human HGF.

**Application Notes:** The specificity of the original format of the antibody was confirmed by ELISA analysis (IC50 = 5.65 nM). The binding affinity of the original format of the antibody to human HGF was measured by surface plasmon resonance (Kd= 30.1 pM). The antibody could bind to non-reduced and reduced rhHGF by western blot analysis. The antibody could efficiently neutralize HGF binding to c-Met. The antibody inhibited HGF induced proliferation in 4MBr-5 cells. The ability of the original format of the antibody to inhibit tumor growth was tested in an U87MG xenograft model. The percent of inhibition of the antibody was measured to be 73%. The ability of the original format of the antibody to inhibit tumor growth was tested in an U118 xenograft model. The percent of inhibition of the antibody was measured to be 57% (US7659378B2).

**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.