

Anti-HGF [1A3] Bulk Size Ab04358-23.0-BT

Isotype and Format: Rabbit IgG, 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: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.