

## Anti-HGF/SF Antibody (TAK-701)

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Store at low temperature  
Store at -20°C

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Anti-HGF/SF Antibody (TAK-701) represents a highly specialized humanized monoclonal antibody specifically engineered to target the human hepatocyte growth factor which acts as a pivotal ligand for the c-Met receptor tyrosine kinase across various malignancies, effectively facilitating the measurable neutralization of HGF-induced signaling to evaluate its role in cancer cell survival and metastasis during strictly monitored laboratory observation periods.
Targets(IC50)	Others
In vitro	In co-culture assays using NSCLC cell lines and HGF-secreting fibroblasts, Anti-HGF/SF Antibody (TAK-701) blocked HGF-induced c-MET phosphorylation and reversed gefitinib resistance [1].
In vivo	In mouse models of NSCLC with tumor-derived HGF, systemic administration of Anti-HGF/SF Antibody (TAK-701) suppressed tumor growth and enhanced the efficacy of EGFR inhibitors [1].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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