

HGF / SF Antibody

Mouse Monoclonal Antibody [Clone EGH2 4C12.1]

Catalog No	Format	Size
3082-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3082-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3082-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
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Product Details

Clone	EGH2 4C12.1
Gene Name	HGF
Immunogen	Recombinant full-length human HGF/SF protein.
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	91/64/34kDa precursor//
Species Reactivity	Human
Positive Control	HGF lysate.

**Optimal dilution for a specific application should be determined.*

Product Images for HGF / SF Antibody

Specificity & Comments

This gene encodes a protein that binds to the hepatocyte growth factor receptor to regulate cell growth, cell motility and morphogenesis in numerous cell and tissue types. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate alpha and beta chains, which form the mature heterodimer. This protein is secreted by mesenchymal cells and acts as a multi-functional cytokine on cells of mainly epithelial origin. This protein also plays a role in angiogenesis, tumorogenesis, and tissue regeneration. Although the encoded protein is a member of the peptidase S1 family of serine proteases, it lacks peptidase activity. Mutations in this gene are associated with nonsyndromic hearing loss.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Cardiovascular, Immunology, AKT Signaling, Angiogenesis, Cytokine Signaling, Infectious Disease, Signal Transduction, Stem Cell Differentiation