

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 |

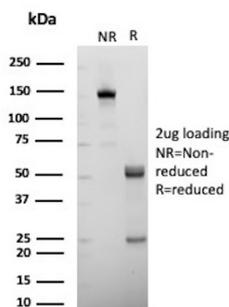
| Applications | Tested Dillution | Note |
|--------------|------------------|------|
|--------------|------------------|------|

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



SDS-PAGE Analysis of Purified Hepatocyte growth factor Mouse Monoclonal Antibody (EGH2 4C12.1). Confirmation of Purity and Integrity of 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, tumorigenesis, 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

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