

## HEG1 (Marker of Malignant Mesothelioma) Antibody

Mouse Monoclonal Antibody [Clone HEG1/9445]

Catalog No	Format	Size
57493-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
57493-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
57493-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

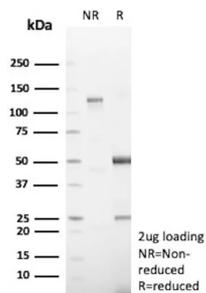
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

### Product Details

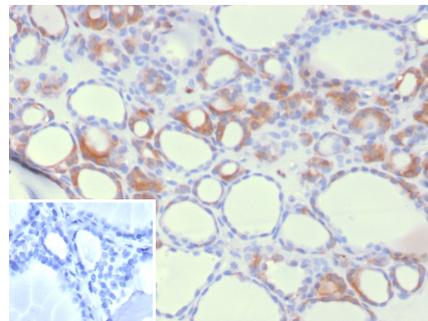
<b>Clone</b>	HEG1/9445
<b>Gene Name</b>	HEG1
<b>Immunogen</b>	Recombinant fragment (around aa1-400) of human HEG1 protein (exact sequence is proprietary)
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG2a / Kappa
<b>Mol. Weight of Antigen</b>	147kDa
<b>Cellular Localization</b>	Cell junction, Cell membrane, Cytoplasm, Secreted
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	Malignant mesothelioma or thyroid.

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

### Product Images for HEG1 (Marker of Malignant Mesothelioma) Antibody



SDS-PAGE Analysis of Purified HEG1 Mouse Monoclonal Antibody (HEG1/9445). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human thyroid stained with HEG1 Mouse Monoclonal Antibody (HEG1/9445). Inset: PBS instead of primary antibody; secondary only negative control.

### Specificity & Comments

Predicted to enable calcium ion binding activity. Involved in several processes, including negative regulation of Rho protein signal transduction; negative regulation of Rho-dependent protein serine/threonine kinase activity; and negative regulation of membrane permeability. Located in cell-cell junction. [provided by Alliance of Genome Resources, Apr 2022]

### 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

Angiogenesis, Cardiovascular, Developmental Biology, Signal Transduction, Transcription Factors

## 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.

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