GCHFR Antibody

Mouse Monoclonal Antibody [Clone GCHFR/7732]

Catalog No	Format	Size
2644-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2644-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2644-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

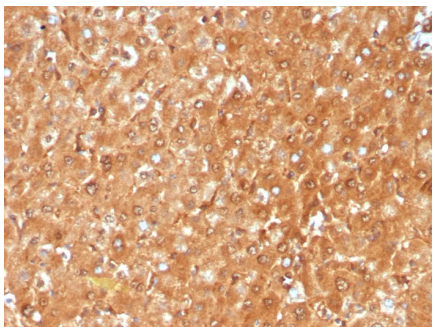
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

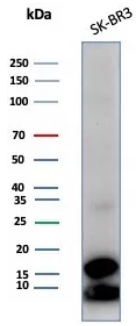
Clone	GCHFR/7732
Gene Name	GCHFR
Immunogen	Recombinant fragment human GCHFR protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2 / Kappa
Mol. Weight of Antigen	63kDa
Cellular Localization	Lysosome.
Species Reactivity	Human
Positive Control	Human liver or intestine.

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

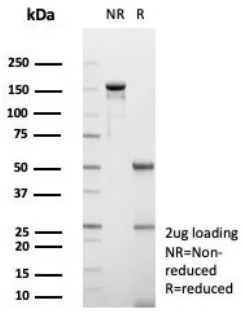
Product Images for GCHFR Antibody



Formalin-fixed, paraffin-embedded human liver stained with GCHFR Mouse Monoclonal Antibody (GCHFR/7732). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



Western blot analysis of SK-BR3 cell lysate using GCHFR Mouse Monoclonal Antibody (GCHFR/7732).



SDS-PAGE Analysis of Purified GCHFR Mouse Monoclonal Antibody (GCHFR/7732).
Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

GTP cyclohydrolase I feedback regulatory protein (GFRP) is encoded by the gene GCHFR. GFRP mediates feedback inhibition of GTP cyclohydrolase I activity by tetrahydrobiopterin. GFRP also acts as a mediator for the stimulatory effect of phenylalanine on enzyme activity. L-phenylalanine reverses this inhibition. Cross-linking experiments have shown that GFRP is usually expressed as a homodimer or pentamer.

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, Nuclear Marker

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.