Glutamyl Transferase, gamma Ab-1 (Clone 138H11)
Mouse Monoclonal Antibody
Cat. #DLN-07116, DLN-07117, or DLN-07115 (0.1ml, 0.5ml, or 1.0ml at 200 µg/ml) (Purified Ab with BSA and Azide)
Cat. #DLN-07118 or DLN-07119 (0.1ml or 0.2ml at 1.0mg/ml) (Purified Ab without BSA and Azide)

Description: Glutamyl transferase (gGT) from human kidney is a membrane-bound enzyme that transfers the gamma-glutamly moiety of gamma-glutamyl compounds such as glutathione to an acceptor, which may be an amino acid or a di- or tripeptide or water. The principal functions of gGT may be hydrolysis and metabolism of glutathione. Various human gGT isoforms have been found. The molecular mass of gGT for normal kidney is 90kDa and gGT can be used as a renal cell marker.

Mol. Wt. of Antigen: 90kDa

Epitope: Not determined


Clone Designation: 138H11

Ig Isotype: IgG1

Immunogen: Purified human kidney GGT.

Applications and Suggested Dilutions:
• Flow Cytometry
• Immunoprecipitation
• Immunohistology (Frozen only)
• Western Blotting

The optimal dilution for a specific application should be determined by the investigator.

Positive Control: CaKi renal tumor cells. Renal cell carcinoma or kidney.

Cellular Localization: Cell membrane

Supplied As:
200µg/ml antibody purified from the ascites fluid by Protein G chromatography. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide. Also available without BSA and azide at 1mg/ml.

Storage and Stability:
Ab with sodium azide is stable for 24 months when stored at 2-8°C. Antibody WITHOUT sodium azide is stable for 36 months when stored at below 0°C.
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Key References:

Limitations and Warranty:
Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. Dianova is not liable for any property damage, personal injury, time or effort or economic loss caused by our products.

Material Safety Data:
This product is not licensed or approved for administration to humans or to animals other than the experimental animals. Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. The material contains 0.09% sodium azide as a preservative. Although the quantity of azide is very small, appropriate care should be taken when handling this material as indicated above. The National Institute of Occupational Safety and Health has issued a bulletin citing the potential explosion hazard due to the reaction of sodium azide with copper, lead, brass, or solder in the plumbing systems. Sodium azide forms hydrazoic acid in acidic conditions and should be discarded in a large volume of running water to avoid deposits forming in metal drainage pipes.

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Additional Key References