

DESCRIPTION

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| Species Reactivity | Human |
| Specificity | Detects human Cerberus 1 in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human (rh) DAN, rhGremlin, or recombinant chicken Caronte is observed. |
| Source | Monoclonal Mouse IgG _{2B} Clone # 162836 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | <i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human Cerberus 1 Thr18-Ala267 (predicted) Accession # O95813 |
| Formulation | Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS. |

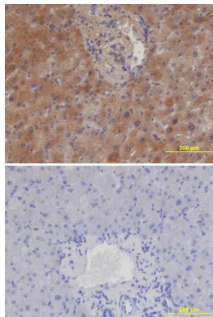
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

| | Recommended Concentration | Sample |
|-----------------------------|----------------------------------|------------------------------|
| Western Blot | 1 µg/mL | Recombinant Human Cerberus 1 |
| Immunohistochemistry | 8-25 µg/mL | See Below |

DATA

Immunohistochemistry



Cerberus 1 in Human Liver. Cerberus 1 was detected in immersion fixed paraffin-embedded sections of human liver using 25 µg/mL Mouse Anti-Human Cerberus 1 Monoclonal Antibody (Catalog # MAB1075) overnight at 4 °C. Tissue was stained with the Anti-Mouse HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS002) and counterstained with hematoxylin (blue). Lower panel shows secondary antibody only control experiment. View our protocol for [Chromogenic IHC Staining of Paraffin-embedded Tissue Sections](#).

PREPARATION AND STORAGE

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| Reconstitution | Reconstitute at 0.5 mg/mL in sterile PBS. |
| Shipping | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C |
| Stability & Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution. |

BACKGROUND

Cerberus 1 functions during development by binding to and antagonizing some members of the bone morphogenetic protein (BMP) family.