LSBio
LifeSpan BioSciences, Inc.

# CD98 Mouse anti-Human Monoclonal (MEM-108) Antibody - LS-B2271 - LSBio

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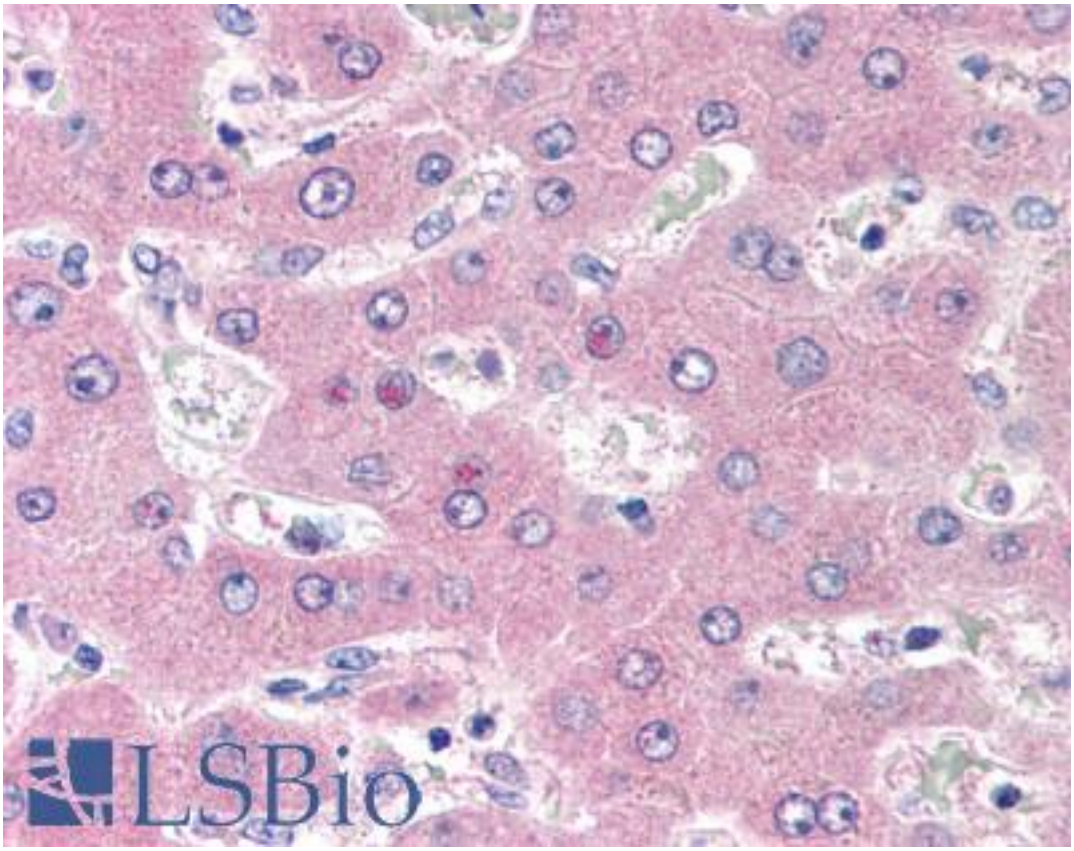
| **CatalogID:** | LS-B2271 |
| **Validation:** | This antibody replaces catalog number LS-C45898. It has been validated for use in the following assays: IHC-P. |
| **Target:** | CD98 |
| **Host** | CD98 antibody was produced in Mouse |
| **Clonality:** | Monoclonal |
| **Isotype:** | IgG1 |
| **Clone Name:** | MEM-108 |
| **Immunogen Species:** | CD98 antibody was raised against Human |
| **Antigen Type:** | Cells |
| **Immunogen:** | CD98 antibody was raised against raji human Burkitt's lymphoma cell line. |
| **Specificity:** | Reacts with CD98, a 125 kD disulfide-linked heterodimer (80 kD glycosylated heavy chain + 45 kD non-glycosylated light chain). CD98 is expressed on T lymphocytes (upon activation) and activated NK cells; it is also present at low levels on B lymphocytes, NK cells, monocytes and platelets. |
| **Reactivity:** | Human |
| **Purification:** | Protein A purified |
| **Presentation:** | PBS, 15 mM sodium azide, approx., pH 7.4. |
| **Recommended Storage:** | Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. |
| **Usage Summary:** | Immunohistochemistry: LS-B2271 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B2271 was determined to be 10 ug/ml. |
| **Uses:** | IHC - Paraffin (10 µg/ml), Immunoprecipitation, Flow Cytometry (Optimal dilution to be determined by the researcher) |
| **Size:** | 50 µg |
| **Concentration:** | 1 mg/ml |

**Immunohistochemistry Image:**




Anti-CD98 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2271 concentration 10 ug/ml.

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| **Requested From:** | Japan |