Docket #: S97-192

Monoclonal Antibodies to Mouse CD81

Eat1 and Eat2 are monoclonal antibodies (mAbs) which specifically recognize mouse CD81. It is shown that Eat1 binds to the large extracellular loop (EC2), while Eat2 requires the presence of both extracellular loops for binding.

Applications

- Cell staining in frozen tissue sections and flow cytometry
- Immunoprecipitation
- Western blots

Advantages

- Western reagents
- Induces homotypic adhesion in lymphoid cells that express CD81
- Stains cells more intensely than currently available mAbs

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