Monoclonal Antibody to CD173
Hybridoma Culture Supernatant (1.0 ml)

Clone: MEM-198
Isotype: Mouse IgM
Specificity: The antibody MEM-198 reacts with CD173 (H2), a saccharide antigen expressed mainly during early hematopoiesis; it is also expressed on endothelial cells. HLDA 7, WS code: 70284
Regulatory Status: RUO
Immunogen: Human thrombocytes
Species Reactivity: Human
Preparation: The hybridoma culture supernatant is 4 x concentrated by ultrafiltration using 100 kDa-cut off membrane.
Storage / Stability: Store at 2-8°C. Do not use after expiration date stamped on vial label. Do not freeze.
Expiration: See vial label
Lot Number: See vial label

Background: CD173 (blood group antigen H2) is a fucosylated saccharide (Fuc-alpha-1-2-Gal-beta-1-4-GlcNAc-beta) generated by beta-D-galactoside 2-alpha-L-fucosyltransferase (FUT1). CD173 belongs to markers of early hematopoiesis; it is expressed mainly on CD34-positive hematopoietic progenitor cells. CD173 is a precursor structure of CD174 (Lewis Y) and is also structurally related to CD15 (Lewis X). On endothelial cells CD173 and CD174 are concentrated on pseudopodial extensions responsible for initial contacts between endothelial cells.

References:
*Leukocyte Typing VII., Mason D.Y. et al. (Eds.), Oxford University Press (2002).