

Product datasheet MON10317

MONOSAN[®]

Mouse anti-Human CD43, clone DFT-1 (Monoclonal)

Clone no. DFT-1

MONOSAN

Product name Mouse anti-Human CD43, clone DFT-1 (Monoclonal)

Host Mouse

Applications IHC-fr, FC, IF, IHC-P

Species reactivity human

Conjugate -

Immunogen KG-1 cells

Isotype IgG1

Clonality Monoclonal

Clone number DFT-1

Size 0.2 mg

Concentration IgG 1 mg/ml

Format Purified

Storage buffer PBS with <0.1% sodium azide

Storage until expiry date aliquots -20°C. Thawed 2-8°C

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Revision date
16-11-2022

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Additional info

Mouse anti Human CD43 antibody, clone DFT-1 recognizes human CD43 also known as leukosialin or sialophorin. CD43 is a 381 amino acid single pass type I transmembrane glycoprotein present on the cell surface of multiple cell types including thymocytes, T-lymphocytes, neutrophils, plasma cells and platelets. It is lacking on the surface of most B-lymphocytes. CD34 is a major membrane sialoglycoprotein expressed on T lymphocytes as two predominant glycoforms, a ~115 kDa form present on all T-cells and a ~130 kDa form indicative of T-cell activation (Barren et al. 1997) and acts as a T-cell counter-receptor for CD169/Siglec-1 (van den Berg et al. 2001). Mouse anti Human CD43 antibody, clone DFT-1 binds to both glycoforms of human CD43 (Kyoizumi et al. 2004)

References

1. Stross WP et al. J Clin Pathol 1989; 42: 953-61
2. Kojima N et al. Exp Cell Res 1994; 214: 537-42
3. Anzai N et al. Blood 1999; 93: 3317-26
4. Matsuo A et al. J Neuroimmunol 1996; 71: 81-6
5. Woroniecka R et al. Am J Clin Pathol 2015; 143: 25-35

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