

Mouse anti-Human CD33, clone PWS44 (Monoclonal)

Clone no. PWS44

MONOSAN

Product name	Mouse anti-Human CD33, clone PWS44 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:100-1:500)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG2b
Clonality	Monoclonal
Clone number	PWS44
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

CD33, also known as gp67 or SIGLEC-3, is a 67 kDa glycosylated transmembrane protein that is a member of the sialic acid-binding immunoglobulin-like lectin (siglec) family. Although the precise physiological function of CD33 is unknown, it may mediate cell to cell adhesion and modulate inflammatory and immune response. In normal tissue, anti-CD33 labels myeloid cells (especially myeloid precursors), liver Kupffer cells, lung alveolar macrophages, and placental syncytiotrophoblasts. In neoplastic tissue, anti-CD33 is useful for the identification of acute myeloid leukemia.

References

1. Freeman SD, et al. Blood. 1995; 85:2005-12
2. Laszlo GS, et al. Oncotarget. 2016; 7:43281-94
3. Crocker, PR et al. Biochem Soc Symp 2002; 69:83-96
4. Chang, H et al. Leuk Res 2004; 28:43-48
5. Mason, KD et al. Blood Rev 2006; 20:71-78

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