Product datasheet MON-RTU1243

Rabbit anti-CD56, clone MRQ-42

Clone no. MRQ-42

MONOSAN Ready To Use

Product name	Rabbit anti-CD56, clone MRQ-42
Host	Rabbit
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietery to MONOSAN and/or its suppliers
Isotype	IgG
Clonality	Monoclonal
Clone number	MRQ-42
Size	7 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

CD56, also known as neural cell adhesion molecule (NCAM), is a calcium-independent homophilic binding protein that belongs to a group of cell adhesion molecules including cadherins, selectins, and integrins. CD56 is involved in cell–cell adhesion of neural cells during embryogenesis and is expressed on most neuroectodermally derived tissues.1-3 In normal tissue, anti-CD56 labels neurons, glia, schwann cells, NK (natural killer) cells, and a subset of T-cells.3 CD56 expression can be seen in most NK cell neoplasms, certain subtypes of T-cell lymphoma and in some plasma cell neoplasms.

References

1. Langdon, SP et al. Cancer Research 1988; 48(21):6161-6165
2. Kaufmann, O et al. Hum Pathol. 1997 Dec; 28(12): 1373-8
3. Tao, J et al. Am J Surg Pathol. 2002 Jan; 26(1):111-8
4. Ely, SA et al. Am J Pathol. 2002 Apr; 160(4): 1293-9
5. Sumi, M et al. Leuk Lymphoma. 2003 Jan; 44(1): 201-4

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