

Mouse anti-CD147, clone CB43 (Monoclonal)

Clone no. CB-43

MONOSAN

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Product name	Mouse anti-CD147, clone CB43 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IF
Species reactivity	human
Conjugate	-
Immunogen	Native leucocytes
Isotype	IgM
Clonality	Monoclonal
Clone number	CB-43
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% 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**

CD147 is a transmembrane glycoprotein of the immunoglobulin superfamily. It is expressed more intensely on thymocytes than on mature peripheral blood T cells. CD147 is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. CD147 is involved in the regulation of matrix remodeling at the epidermal-dermal interface. It stimulates the production of interstitial collagenase, gelatinase A, stromelysin-1 and various metalloproteinases (MMPs) by fibroblasts. These enzymes, which are typically increased during tissue degradation and wound healing, are important factors in cancer invasion and metastasis.

**References**

1. Kirsch AH et. al. Tissue Antigens 50(2): 147-52 (1997)
2. -
3. -
4. -
5. -

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