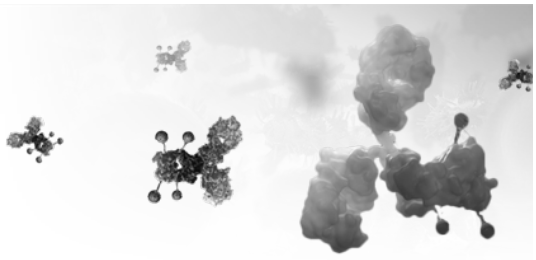

Mouse Anti-Human CLEC3B Monoclonal Antibody, clone 916146 [Functional Grade] (DCABY-4647)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Mouse myeloma cell line NS0-derived recombinant human CLEC3B/Tetranectin (Glu22-Val202).
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	916146
Purification	Protein A or G purified
Conjugate	Functional Grade
Applications	WB, ELISA, BL/Neut Recommended concentration: WB: 0.5 µg/mL We recommend the following for sandwich ELISA (Capture - Detection): DCABY-4646 - DCABY-4647
Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Format	Lyophilized
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. Endotoxin Level<0.10 EU per 1 µg of the antibody by the LAL method.

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Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.
Ship	Wet ice

BACKGROUND

Introduction	Tetranectin (TN), also known as C-type lectin domain family 3, member B (CLEC3B) is a member of the C-type lectin Family. It is plasminogen kringle 4 binding protein and regulates fibrinolysis and proteolytic processes via binding to plasminogen. Tetranectin has been suggested to play a role in tissue remodeling, due to its ability to stimulate plasminogen activation and its expression in developing tissues such as developing bone and muscle. Tetranectin enhances plasminogen activation by a tissue-type plasminogen activator so that it has been suggested to play a role in tissue remodeling. Tetranectin may play a role in the wound healing process. Tetranectin may play a role in neurological diseases and may serve as a diagnostic aid in multiple sclerosis (MS). Tetranectin was found significantly under-expressed in both serum and saliva of metastatic oral squamous cell carcinoma (OSCC) compared to primary OSCC. Tetranectin is thought to enhance proteolytic processes enabling tumor cells to invade and metastasize.
Keywords	CLEC3B;C-type lectin domain family 3, member B;TN;TNA;tetranectin;plasminogen kringle 4-binding protein

GENE INFORMATION

Gene Name	CLEC3B
Entrez Gene ID	7123
UniProt ID	P05452

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