

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse DCBLD2/ESDN in Western blots and human DCBLD2/ESDN in direct ELISAs.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human DCBLD2/ESDN Gln67-Ala528 Accession # Q96PD2
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

CyTOF-ready	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.
Flow Cytometry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

DCBLD2 (discoidin, CUB, and LCCL domain containing 2), also known as ESDN (endothelial and smooth muscle cell derived neuropilin-like) and CLCP1, was identified through its up-regulation in a highly metastatic lung cancer cell line. DCBLD2 has structural similarities to neuropilins, VEGF receptors, and semaphorins, and is thought to play a role in cell motility and metastasis. SEMA4B is a receptor for DCBLD2/ESDN/CLCP1 and this interaction may be involved in regulating cancer cell metastasis.

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