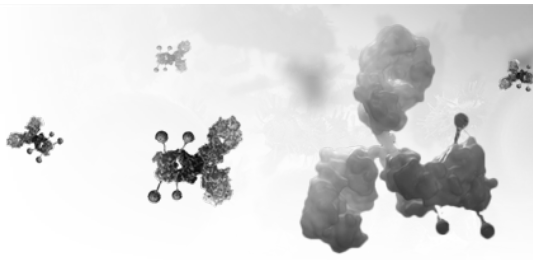

Rabbit Anti-Human ESAM Polyclonal Antibody (DPABH-23510)

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

PRODUCT INFORMATION

Immunogen	Recombinant Human ESAM protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A & Antigen Affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA Recommended dilution: WB: 1:500-1:1000 ELISA: 1:5000-1:10000
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	PBS
Preservative	None
Storage	Store at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Avoid repeated freeze-thaw cycles.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Ship	Wet ice

BACKGROUND

Introduction	Endothelial cell-selective adhesion molecule (ESAM) is a member of JAM family of immunoglobulin superfamily and consists of one V-type and one C2-type immunoglobulin domain, as well as a hydrophobic signal sequence, a single transmembrane region, and a cytoplasmic domain. It is specifically expressed at endothelial tight junctions and on activated platelets. ESAM at endothelial tight junctions participates in the migration of neutrophils through the vessel wall, possibly by influencing endothelial cell contacts. The adaptor protein membrane-associated guanylate kinase MAGI-1 has been identified as an intracellular binding partner of ESAM. Previous studies have indicated that ESAM regulates angiogenesis in the primary tumor growth and endothelial permeability. It suggest that ESAM has a redundant functional role in physiological angiogenesis but serves a unique and essential role in pathological angiogenic processes such as tumor growth.
Keywords	ESAM;endothelial cell adhesion molecule;endothelial cell-selective adhesion molecule;W117m;2310008D05Rik;LP4791 protein

GENE INFORMATION

Gene Name	ESAM
Entrez Gene ID	90952
UniProt ID	Q96AP7

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