



Anti-AMICA1 polyclonal antibody (DPABY-324)

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

PRODUCT INFORMATION

Antigen Description	AMICA, also known as junctional adhesion molecule-like protein (JAML), is a transmembrane glycoprotein that contains two extracellular Ig-like domains. AMICA is expressed on the surface of neutrophils and mediates leukocyte extravasation through interactions with CXADR (coxsackie and adenovirus receptor).
Specificity	Detects human AMICA/JAML in ELISAs and Western blots. In sandwich ELISAs, less than 0.3% cross-reactivity with recombinant mouse AMICA, recombinant human (rh) JAM-A, rhJAM-B, and rhJAM-C is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human AMICA/JAML. Leu20-Leu275 Accession Number Q86YT9
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Unconjugated
Applications	Western Blot, Flow Cytometry, ELISA Capture (Matched Pair)
Format	Liquid
Size	100 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
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.

GENE INFORMATION

Gene Name	AMICA1 adhesion molecule, interacts with CXADR antigen 1 [Homo sapiens (human)]
Official Symbol	AMICA1
Synonyms	AMICA1; adhesion molecule, interacts with CXADR antigen 1; JAML; AMICA; Gm638; CREA7-1; CREA7-4; junctional adhesion molecule-like; adhesion molecule AMICA; dendritic-cell specific protein CREA7-1; dendritic-cell specific protein CREA7-4; adhesion molecule
Entrez Gene ID	120425
Protein Refseq	NP_001091996
UniProt ID	B3KUI3
Chromosome Location	11q23.3
Pathway	Adaptive Immune System; Cell surface interactions at the vascular wall; Hemostasis; Immune System; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell;
Function	cell adhesion molecule binding; integrin binding; protein homodimerization activity;