

DATASHEET

CD66a Rabbit Polyclonal Antibody

CAT. NO. APA13371

KEY FEATURES

Target	CD66a	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Cell adhesion protein that mediates homophilic cell adhesion in a calcium-independent manner . Plays a role as coinhibitory receptor in immune response, insulin action and also functions as an activator during angiogenesis . Its coinhibitory receptor function is phosphorylation- and PTPN6 -dependent, which in turn, suppress signal transduction of associated receptors by dephosphorylation of their downstream effectors. Plays a role in immune response, of T cells, natural killer (NK) and neutrophils .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

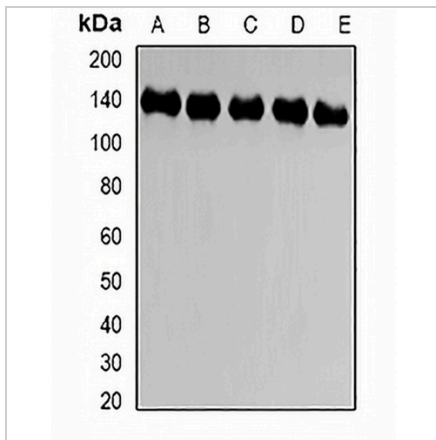
Description	Rabbit polyclonal antibody to CD66a
Specificity	Recognizes endogenous levels of CD66a protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CD66a
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 27; Observed: 130-150 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	BGP; BGP1; Carcinoembryonic antigen-related cell adhesion molecule 1; Biliary glycoprotein 1; BGP-1; CD66a
Gene Symbol	CEACAM1
Entrez Gene	634(Human); 26365(Mouse)
SwissProt	P13688(Human); P31809(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of CD66a expression in A549 (A), HT29 (B), SW620 (C), mouse liver (D), mouse kidney (E) whole cell lysates. (Predicted band size: 27; 35-57 kD; Observed band size: 130-150 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.