

Product datasheet

Anti-CD62P antibody [AK-6] - BSA and Azide free
ab252267

Recombinant

2 Images

Overview

Product name	Anti-CD62P antibody [AK-6] - BSA and Azide free
Description	Mouse monoclonal [AK-6] to CD62P - BSA and Azide free
Host species	Mouse
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	The details of the immunogen for this antibody are not available.
Positive control	Flow Cyt: HEL cells.
General notes	<p>ab252267 is the carrier-free version ab6632.</p> <p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2

	Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	AK-6
Isotype	IgG1
Light chain type	kappa

Applications

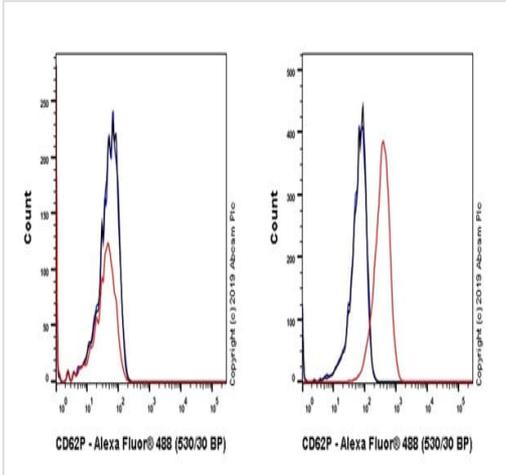
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab252267 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		1/50.

Target

Function	Ca(2+)-dependent receptor for myeloid cells that binds to carbohydrates on neutrophils and monocytes. Mediates the interaction of activated endothelial cells or platelets with leukocytes. The ligand recognized is sialyl-Lewis X. Mediates rapid rolling of leukocyte rolling over vascular surfaces during the initial steps in inflammation through interaction with PSGL1.
Tissue specificity	Stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. Upon cell activation by agonists, P-selectin is transported rapidly to the cell surface.
Involvement in disease	Defects in SELP may be a cause of susceptibility to ischemic stroke (ISCHSTR) [MIM:601367]; also known as cerebrovascular accident or cerebral infarction. A stroke is an acute neurologic event leading to death of neural tissue of the brain and resulting in loss of motor, sensory and/or cognitive function. Ischemic strokes, resulting from vascular occlusion, is considered to be a highly complex disease consisting of a group of heterogeneous disorders with multiple genetic and environmental risk factors.
Sequence similarities	Belongs to the selectin/LECAM family. Contains 1 C-type lectin domain. Contains 1 EGF-like domain. Contains 9 Sushi (CCP/SCR) domains.
Cellular localization	Membrane.

Images



Flow Cytometry - Anti-CD62P antibody [AK-6] - BSA and Azide free (ab252267)

This data was developed using the same antibody clone in a different buffer formulation containing PBS and sodium azide (ab6632).

Flow cytometric analysis of HEK-293 (Human embryonic kidney epithelial cell, Left) / HEL (Human Erythroleukemia erythroblast, Right) labeling CD62P with ab6632 at 1/50 dilution (red) compared with Mouse monoclonal IgG Isotype Control (black) and an unlabeled control (cells without incubation with primary antibody and secondary antibody) (blue). Goat Anti-Mouse IgG (Alexa Fluor® 488) (ab150113) at 1/2000 dilution was used as the secondary antibody.

Negative control: HEK-293 (PMID: 7693674).

Gated on viable cells.

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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