

Product datasheet

Anti-CD63 antibody [TEA3/18] (OC515) ab123622

1 Image

Overview

Product name	Anti-CD63 antibody [TEA3/18] (OC515)
Description	Mouse monoclonal [TEA3/18] to CD63 (OC515)
Conjugation	OC515. Ex: 405nm, Em: 515nm
Specificity	The monoclonal antibody is directed against the CD63- antigen, which is expressed in platelet lysosomes that is translocated to the platelet surface upon activation with strong agonists. The antigen is also present in most peripheral blood cells (not in erythrocytes) and in many tissues.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Activated HUVEC cells
Positive control	Human platelets from normal Human peripheral blood.
General notes	OC515 (Abs/Em Max:405/518nm). Direct replacement for Pacific Orange®.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.20 Preservative: 0.09% Sodium azide Note: Aqueous buffered solution containing protein stabilizer
Purity	Immunogen affinity purified
Clonality	Monoclonal
Clone number	TEA3/18
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab123622** in the following tested applications.

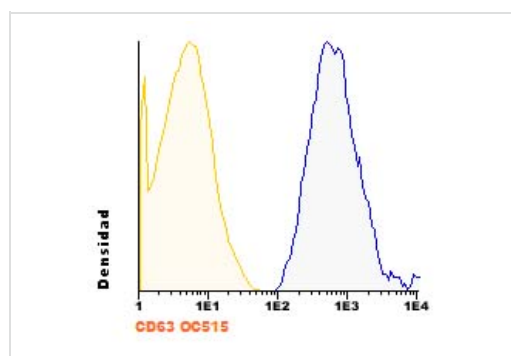
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 5µl for 10 ⁶ cells. ab126030 -Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Function	This antigen is associated with early stages of melanoma tumor progression. May play a role in growth regulation.
Tissue specificity	Dysplastic nevi, radial growth phase primary melanomas, hematopoietic cells, tissue macrophages.
Sequence similarities	Belongs to the tetraspanin (TM4SF) family.
Cellular localization	Cell membrane. Lysosome membrane. Late endosome membrane. Also found in Weibel-Palade bodies of endothelial cells. Located in platelet dense granules.

Images



ab123622, at 5 µl/10⁶ cells, staining CD63 in Human Platelets by Flow Cytometry. Blue histogram represents activated platelets and yellow histogram non-activated platelets. Total events were used for analysis.

Flow Cytometry - Anti-CD63 antibody [TEA3/18] (OC515) (ab123622)

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