

## anti-human CD63 PE-conjugated

PE -conjugated monoclonal antibody 435 to human CD63

Cat-No: **21330634**

500 µl

**Clone:** 435

**Specificity:**

This clone has been derived from hybridization of SP2/0 cells with spleen cells of a (BALB/c x A/J) mouse immunized with human cytochrome-B enriched cells. This antibody has been clustered to CD63 in the fourth international Workshop on Human White Cell differentiation Antigens in Vienna (1989). 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; both surface and cytoplasmatic locations are reported.

**Isotype subclass:** Mouse IgG1

**Form:**

Ascites fluid of tumour bearing BALB/c mice. Purification: Affinity chromatography. Conjugated with R-Phycoerthrin (PE). Molecular F/P ratio between 1.0 - 2.0.

**Physical state:** Liquid

**Buffer/Additives/Preservative:** PBS containing BSA and 15 mM sodium azide, pH 7.4

**Storage conditions:** Store at 4 °C. Avoid prolonged exposure to light. The reagent is stable until the expiry date stated on the vial label.

**Application:** Detection of activated platelets. Thrombus imaging. Methods: Direct immunofluorescence staining with analysis by flowcytometry or fluorescence microscopy.

**References:** Modderman, P.W., Knapp, W. et al. (editors), Leukocyte Typing IV, 1042, (1989).

**Warning:**

Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for **research only**. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

**ImmunoTools** Excellent Quality - Advantageously priced

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