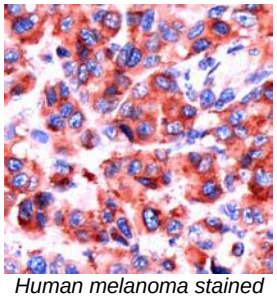
Mouse Anti-Human CD63 Monoclonal Antibody (Clone SPM524)



Human melanoma stained with anti-CD63 antibody

CATALOG #:

E17510	0.1 ml mouse monoclonal antibody purified by protein A/G in PBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide.
E17514	1 ml mouse monoclonal antibody purified by protein A/G in PBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide.
E17511	7 ml pre-diluted mouse monoclonal antibody purified by protein A/G in TBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide.

INTENDED USE: For Research Use Only. Not for use in diagnostic procedures.

CLONE: SPM524

IMMUNOGEN: Recombinant human CD63 protein.

IG ISOTYPE: IgG_1 / K

EPITOPE: Not determined

MOLECULAR WEIGHT 53kDa

SPECIES REACTIVITY: Human (tested). Others not tested.

DESCRIPTION: CD63 is expressed on activated platelets. CD63 is a lysosomal membrane glycoprotein that is translocated to plasma membrane after platelet activation. It is also present in monocytes and macrophages and is weakly expressed on granulocytes, B, and T cells. CD63 is identical to the melanoma-associated antigen which is ME491 and to the platelet antigen PTLGP40.

APPLICATIONS: Immunohistochemistry (IHC)

IHC PROCEDURE:

Specimen Preparation: Formalin-fixed, paraffin-embedded tissues are suitable for use with this primary antibody.
Deparaffinization: Deparaffinize slides using xylene or xylene alternative and graded alcohols.
Antibody Dilution: If using the concentrate format of this product, dilute the antibody 1:200. The dilutions are estimates; actual results may differ because of variability in methods and protocols.
Antigen Retrieval: Boil tissue section in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.
Primary Antibody Incubation: Incubate for 30 minutes at RT.
Slide Washing: Slides must be washed in between steps. Rinse slides with PBS/0.05% Tween.
Visualization: Detect the antibody as instructed by the instructions provided with the visualization system.

POSITIVE CONTROL: Melanoma

CELLULAR LOCALIZATION: Cytoplasm

STORAGE & STABILITY

Store at 2-8°C. Do not freeze. The user must validate any other storage conditions. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.
There are no definitive signs to indicate instability of this product; therefore, positive and negative controls should be tested simultaneously with unknown specimens.

WARNINGS & PRECAUTIONS:

1. Avoid contact of reagents with eyes and mucous membranes. If reagents come into contact with sensitive areas, wash with copious amounts of water.
2. This product is harmful if swallowed.
3. Consult local or state authorities with regard to recommended method of disposal.
4. Avoid microbial contamination of reagents.

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