

Anti-CD63 Antibody [SPM524] - BSA and Azide free (A253927)

Specifications:

| | |
|------------------------|--|
| Name: | Anti-CD63 Antibody [SPM524] - BSA and Azide free |
| Description: | Mouse monoclonal [SPM524] antibody to CD63. |
| Specificity: | This antibody recognizes protein of 26kDa-60kDa, which is identified as CD63. Its epitope is different from that of MAb LAMP3/529. The tetraspanins are integral membrane proteins expressed on cell surface and granular membranes of hematopoietic cells and are components of multi-molecular complexes with specific integrins. The tetraspanin CD63 is a lysosomal membrane glycoprotein that translocates to the plasma membrane after platelet activation. CD63 is expressed on activated platelets, monocytes and macrophages, and is weakly expressed on granulocytes, T cell and B cells. It is located on the basophilic granule membranes and on the plasma membranes of lymphocytes and granulocytes. CD63 is a member of the TM4 superfamily of leukocyte glycoproteins that includes CD9, CD37 and CD53, which contain four transmembrane regions. CD63 may play a role in phagocytic and intracellular lysosome-phagosome fusion events. CD63 deficiency is associated with Hermansky-Pudlak syndrome and is strongly expressed during the early stages of melanoma progression. |
| Applications: | Flow Cytometry, IF, IHC-P |
| Recommended Dilutions: | Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, IHC-P: 1-2 µg/ml |
| Reactivity: | Human, Mouse |
| Immunogen: | Smooth plasma membrane fraction of MeWo cells. |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Clone ID: | SPM524 |
| Isotype: | IgG1 |
| Light Chains: | kappa |
| Conjugate: | Unconjugated |
| Purification: | Protein A/G chromatography. |
| Concentration: | 1 mg/ml |
| Product Form: | Liquid |
| Formulation: | Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free. |
| Storage: | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |

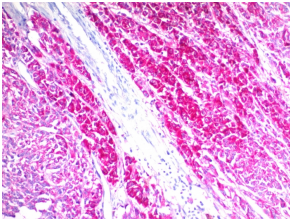
Anti-CD63 Antibody [SPM524] - BSA and Azide free (A253927)

Specifications continued:

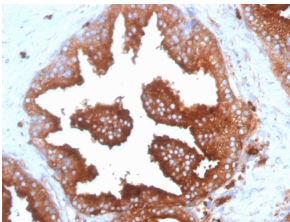
General Notes: This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-CD63 Antibody [SPM524] (A250747).

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human melanoma using Anti-CD63 Antibody [SPM524].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human prostate using Anti-CD63 Antibody [SPM524].