

CD63 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50294

Clone# BP6271

Predicted Molecular Wt: 26kDa
Species Cross-reactivity: Human
Applications: IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: P08962

Background:

CD63 Functions as cell surface receptor for TIMP1 and plays a role in the activation of cellular signaling cascades. It plays a role in the activation of ITGB1 and integrin signaling, leading to the activation of AKT, FAK/PTK2 and MAP kinases. It promotes cell survival, reorganization of the actin cytoskeleton, cell adhesion, spreading and migration. It also plays a role in intracellular vesicular transport processes.

CD63 is weakly expressed on B and T cells and granulocytes. It's also expressed in bronchial glands, neural tissue (brain white matter and peripheral nerves), nevi, salivary glands, smooth muscle and synovial lining cells.

CD63 is a marker of melanoma (although non-specific) and melanocytic tumors.

Subcellular location:

Membrane and cytoplasm

Recommended Method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Recombinant protein fragment of CD63 was used as an immunogen. This information is proprietary to Biolynx.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage Conditions:

-25°C to -18°C

Shipment Instructions:

Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

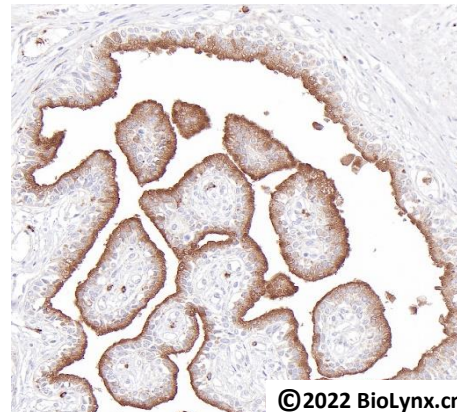
Recommended Dilution:

IHC-P: 1:100-1:200

Background References:

1. PMID: 16917503

2. PMID: 19640571



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human prostate labelling CD63 with BP6271.

Product QC'd by:



For research use only. Not for use in diagnostic or therapeutic applications.