CD63 Antigen (CD63) ELISA Kit for Camel

PRODUCT OVERVIEW

Product Name	CD63 Antigen (CD63), ELISA Kit
Full Product Name	Camel CD63 Antigen (CD63) ELISA Kit
Product Gene Name	CD63 elisa kit
Species Reactivity	Camel
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	25,767 Da
Related Product Information for CD63 elisa kit	MBS9355205 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the CD63 Antigen (CD63) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CD63. The ELISA analytical biochemical technique of the MBS9355205 kit is based on CD63 antibody-CD63 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CD63 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CD63. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of CD63 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD63. It may not necessarily be applicable to this product.

NCBI GI #	545477648
NCBI GeneID	12512
NCBI Accession #	NP_001269895.1
UniProt Related Accession #	P41731
GenBank Nucleotide #	NM_001282966.1
NCBI Official Full Name	CD63 antigen
NCBI Official Synonym Full Names	CD63 antigen
NCBI Official Symbol	Cd63
NCBI Official Synonym Symbols	ME491; C75951; Tspan30
UniProt Protein Name	CD63 antigen
UniProt Synonym Protein Names	CD_antigen: CD63
Protein Family	CD63 antigen
UniProt Gene Name	Cd63
UniProt Entry Name	CD63_MOUSE
NCBI Protein Information	CD63 antigen

UniProt Comments for CD63	CD63: This antigen is associated with early stages of melanoma tumor progression. May play a role in growth regulation. Belongs to the tetraspanin (TM4SF) family. Protein type: Membrane protein, integral; Membrane protein, multi-pass Cellular Component: cell surface; cytoplasm; endosome; endosome membrane; extracellular region; extracellular space; integral to membrane; integral to plasma membrane; intrinsic to plasma membrane; late endosome; late endosome membrane; lysosomal membrane; lysosome; membrane; plasma membrane; protein complex Molecular Function: protein binding; protein complex binding Biological Process: cell adhesion; cell migration; cell surface receptor linked signal transduction; cell-matrix adhesion; epithelial cell differentiation; pigment cell differentiation; pigment granule maturation; pigmentation; positive regulation of cell adhesion; positive regulation of endocytosis; positive regulation of receptor internalization; protein transport; transport
Research Articles on CD63	**1.** Data show that CD63 is a crucial player in the regulation of the tumor cell-intrinsic metastatic potential by affecting cell plasticity.
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