ARG44473
anti-PKDCC antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PKDCC
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Target Name	PKDCC
Species	Human
Immunogen	Human PKDCC recombinant protein
Conjugation	Un-conjugated
Alternate Names	PKDCC; Protein Kinase Domain Containing, Cytoplasmic; Vertebrate Lonesome Kinase; SgK493; Vlk; Protein Kinase Domain-Containing Protein, Cytoplasmic; Extracellular Tyrosine-Protein Kinase PKDCC; Protein Kinase-Like Protein SgK493; Sugen Kinase 493; Protein Kinase Domain Containing, Cytoplasmic Homolog (Mouse); Protein Kinase Domain Containing, Cytoplasmic Homolog

Application Instructions

Application table

Application	Dilution
FACS	1-3 µg/1x10^6
ICC/IF	5 µg/ml
IHC-P	2-5 µg/ml
WB	0.1-0.25 µg/ml

Application Note: The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

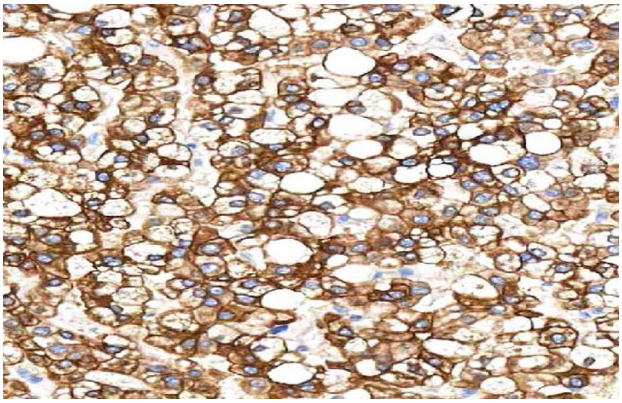
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Bioinformation

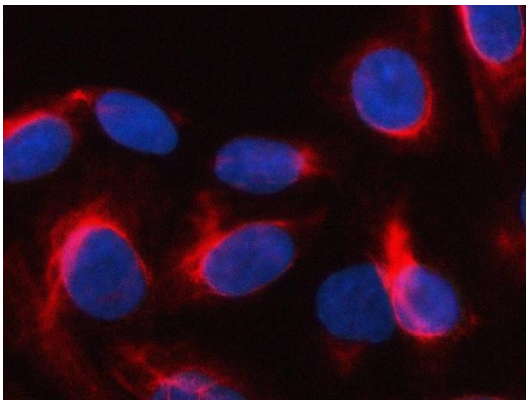
Gene Symbol	PKDCC
Gene Full Name	Protein Kinase Domain Containing, Cytoplasmic
Background	Enables non-membrane spanning protein tyrosine kinase activity. Involved in peptidyl-tyrosine phosphorylation and skeletal system development. Located in extracellular region.
Function	Secreted tyrosine-protein kinase that mediates phosphorylation of extracellular proteins and endogenous proteins in the secretory pathway, which is essential for patterning at organogenesis stages. Mediates phosphorylation of MMP1, MMP13, MMP14, MMP19 and ERP29.
Calculated Mw	54 kDa
PTM	Glycoprotein, Phosphoprotein
Cellular Localization	Golgi apparatus, Secreted

Images



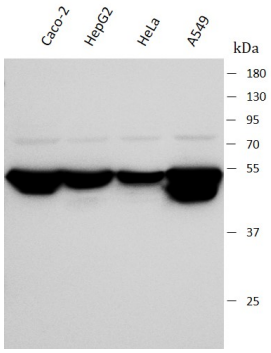
ARG44473 anti-PKDCC antibody IHC-P image

Immunohistochemistry: Human liver cancer stained with ARG44473 anti-PKDCC antibody at 2 µg/mL dilution.



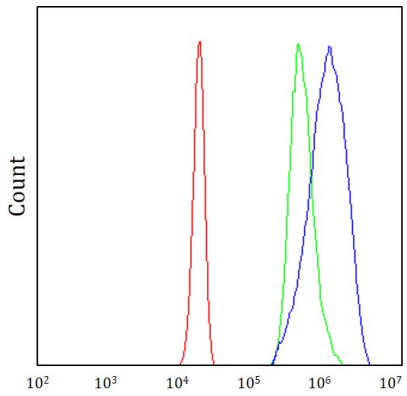
ARG44473 anti-PKDCC antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG44473 anti-PKDCC antibody at 5 µg/mL dilution.



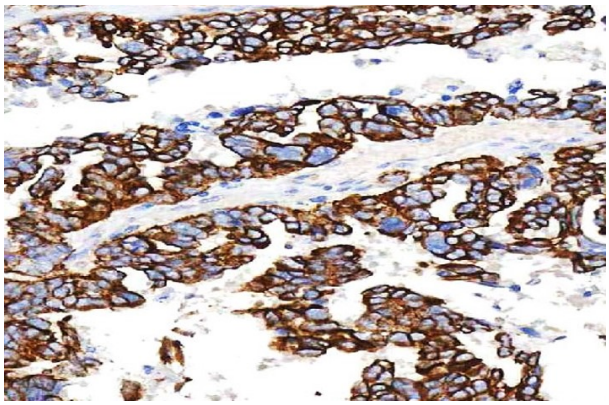
ARG44473 anti-PKDCC antibody WB image

Western blot: Caco-2, HepG2, HeLa and A549 stained with ARG44473 anti-PKDCC antibody at 0.5 µg/mL dilution.



ARG44473 anti-PKDCC antibody FACS image

Flow Cytometry: HepG2 stained with ARG44473 anti-PKDCC antibody at 1 µg/10^6 cells dilution.



ARG44473 anti-PKDCC antibody IHC-P image

Immunohistochemistry: Human mucinous adenoma stained with ARG44473 anti-PKDCC antibody at 2 µg/mL dilution.