KSP-Cadherin/Cadherin-16 Monoclonal Antibody

catalog number: **AN200195P**

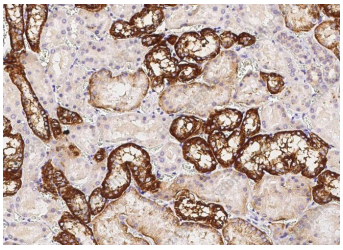
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human KSP-Cadherin/Cadherin-16 Protein
Host	Mouse
Isotype	Mouse IgG1
Clone	A1047
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	0.2 μm filtered solution in PBS.

Applications	Recommended Dilution
IHC-P	1:50-1:200

Data



Immunohistochemistry of paraffin-embedded human kidney using KSP-Cadherin/Cadherin-16 Monoclonal Antibody at dilution of 1:60.

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. Mapped to a previously identified cluster of cadherin genes on chromosome 16q22.1, the gene localizes with superfamily members CDH1, CDH3, CDH5, CDH8 and CDH11. The protein consists of an extracellular domain containing 6 cadherin domains, a transmembrane region and a truncated cytoplasmic domain but lacks the prosequence and tripeptide HAV adhesion recognition sequence typical of most classical cadherins. Expression is exclusively in kidney, where the protein functions as the principal mediator of homotypic cellular recognition, playing a role in the morphogenic direction of tissue development. Alternatively spliced transcript variants encoding distinct isoforms have been identified.

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