



A Reliable Research Partner in Life Science and Medicine

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
 IgG1

 Clone
 A1047

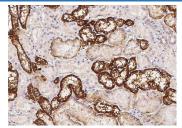
 Purification
 Protein A

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.

For Research Use Only