Cadherin 20 Antibody / CDH20 (F55047)

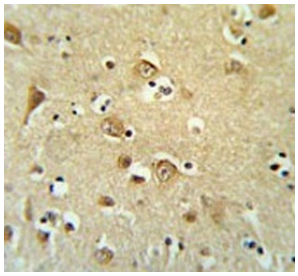
Catalog No.	Formulation	Size
F55047-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55047-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

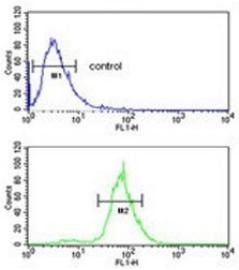
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9HBT6
Applications	Western Blot : 1:500-1:1000 Flow Cytometry : 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:50-1:100
Limitations	This Cadherin 20 antibody is available for research use only.

Western blot testing of human HepG2 cell lysate with Cadherin 20 antibody. Predicted molecular weight ~89 kDa.

Western blot testing of 1) human brain and 2) mouse brain tissue lysate with Cadherin 20 antibody. Predicted molecular weight ~89 kDa.



IHC testing of FFPE human brain tissue with Cadherin 20 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human HepG2 cells with Cadherin 20 antibody; Blue=isotype control, Green= Cadherin 20 antibody.

Description

This gene is a type II classical cadherin from the cadherin superfamily and one of three cadherin 7-like genes located in a cluster on chromosome 18. The encoded membrane protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Since disturbance of intracellular adhesion is a prerequisite for invasion and metastasis of tumor cells, cadherins are considered prime candidates for tumor suppressor genes.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Cadherin 20 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 111-140 from the human protein was used as the immunogen for the Cadherin 20 antibody.

Storage

Aliquot the Cadherin 20 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.