

Datasheet

CTNNB1 monoclonal antibody (M05), clone 4H4

Catalog Number: H00001499-M05

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant CTNNB1.

Clone Name: 4H4

Immunogen: CTNNB1 (AAH58926, 682 a.a. ~ 781 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

LFRTPEMAWNETADLGLDIGAQGEPLGYRQDDPSYR
SFHSGGYGQDALGMDPMMHEHEMGGHHPGADYPVD
GLPDLGHAQDLMDGLPPGDSNQLAWFDTDL

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, S-ELISA, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1499

Gene Symbol: CTNNB1

Gene Alias: CTNNB, DKFZp686D02253, FLJ25606, FLJ37923

Gene Summary: Beta-catenin is an adherens junction protein. Adherens junctions (AJs; also called the zonula adherens) are critical for the establishment and

maintenance of epithelial layers, such as those lining organ surfaces. AJs mediate adhesion between cells, communicate a signal that neighboring cells are present, and anchor the actin cytoskeleton. In serving these roles, AJs regulate normal cell growth and behavior. At several stages of embryogenesis, wound healing, and tumor cell metastasis, cells form and leave epithelia. This process, which involves the disruption and reestablishment of epithelial cell-cell contacts, may be regulated by the disassembly and assembly of AJs. AJs may also function in the transmission of the 'contact inhibition' signal, which instructs cells to stop dividing once an epithelial sheet is complete.[supplied by OMIM]