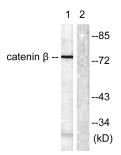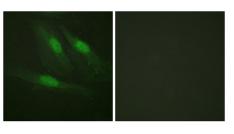|	
Cat. No:	AB-83856
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human Catenin-beta. AA range:620-669.
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1/500 – 1/2000 Immunohistochemistry: 1/100 – 1/300 Immunofluorescence: 1/200 – 1/1000 ELISA: 1/40000
Molecular Weight:	75 kDa
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Synonyms:	CTNNB1; CTNNB; OK/SW-cl.35; Catenin beta-1; Beta-catenin
Background:	catenin beta 1(CTNNB1) Homo sapiens The protein encoded by this gene is part of a complex of proteins that constitute adherens junctions (AJs). AJs are necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. The encoded protein also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial sheet is complete. Finally, this protein binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in this gene are a cause of colorectal cancer (CRC), pilomatrixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants.
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage:	Store at -20°C. Avoid repeated freeze-thaw cycles.

Western blot analysis of lysates from rat brain cells, using Catenin-beta Antibody. The lane on the right is blocked

Immunofluorescence analysis of HeLa cells, using Catenin-beta Antibody. The picture on the right is blocked with the synthesized peptide.

with the synthesized peptide.