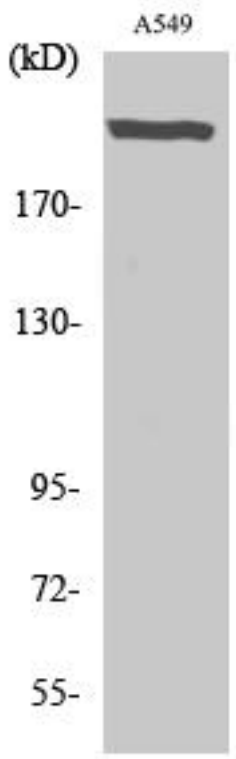
UBR5 Monoclonal Antibody

Catalog No	BYmab-04262
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	UBR5
Protein Name	E3 ubiquitin-protein ligase UBR5
Immunogen	The antiserum was produced against synthesized peptide derived from human EDD. AA range:1-50
Specificity	UBR5 Monoclonal Antibody detects endogenous levels of UBR5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	UBR5; EDD; EDD1; HYD; KIAA0896; E3 ubiquitin-protein ligase UBR5; E3 ubiquitin-protein ligase; HECT domain-containing 1; Hyperplastic discs protein homolog; hHYD; Progestin-induced protein
Observed Band	309kD
Cell Pathway	Nucleus.
Tissue Specificity	Widely expressed. Most abundant in testis and expressed at high levels in brain, pituitary and kidney.
Function	function:E3 ubiquitin-protein ligase which is a component of the N-end rule pathway. Recognizes and binds to proteins bearing specific amino-terminal residues that are destabilizing according to the N-end rule, leading to their ubiquitination and subsequent degradation (By similarity). May be involved in maturation and/or transcriptional regulation of mRNA. May play a role in control of cell cycle progression. May have tumor suppressor function. Regulates DNA topoisomerase II binding protein (TopBP1) in the DNA damage response. Plays an essential role in extraembryonic development.,miscellaneous:A cysteine residue is required for ubiquitin-thioester formation.,pathway:Protein modification;

	protein ubiquitination.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain.,similarity:Contains 1 MABC domain.,similar
Background	This gene encodes a progestin-induced protein, which belongs to the HECT (homology to E6-AP carboxyl terminus) family. The HECT family proteins function as E3 ubiquitin-protein ligases, targeting specific proteins for ubiquitin-mediated proteolysis. This gene is localized to chromosome 8q22 which is disrupted in a variety of cancers. This gene potentially has a role in regulation of cell proliferation or differentiation. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using UBR5 Monoclonal Antibody