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## Product Datasheet

### DNA Ligase I Rabbit mAb, Unconjugated, Monoclonal ABB-A9301

Article Name	DNA Ligase I Rabbit mAb, Unconjugated, Monoclonal
Biozol Catalog Number	ABB-A9301
Supplier Catalog Number	A9301
Alternative Catalog Number	ABB-A9301-100UL, ABB-A9301-20UL
Manufacturer	ABclonal
Host	Rabbit
Category	Antikörper
Application	ELISA, IF, IHC-P, WB
Species Reactivity	Human
Immunogen	Recombinant protein (or fragment). This information is considered to be commercially sensitive.
Conjugation	Unconjugated
Product Description	This gene encodes a member of the ATP-dependent DNA ligase protein family. The encoded protein functions in DNA replication, recombination, and the base excision repair process. Mutations in this gene that lead to DNA ligase I deficiency result in im...
Clonality	Monoclonal
Molecular Weight	102kDa
NCBI	<a href="#">3978</a>
UniProt	<a href="#">P18858</a>

Purity	Affinity purification
Target	LIG1
Application Dilute	WB,1:500 - 1:1000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200 ELISA,Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Application Notes	Cross-Reactivity: Human,Mouse,Rat. ResearchArea: chromatin DNA binding,metal ion binding,methyltransferase activity,RNA polymerase II transcription regulatory region sequence-specific DNA binding,cell fate specification,fibroblast growth factor receptor signaling pathway,germ-line stem cell population maintenance,histone H3-R26 methylation,homeostasis of number of cells within a tissue,inactivation of paternal X chromosome,inner cell mass cell fate commitment,negative regulation of fibroblast growth factor receptor signaling pathway,negative regulation of transcription by RNA polymerase II,ositive regulation of flagellated sperm motility,positive regulation of stem cell population maintenance,regulation of DNA methylation. Shipping: Ice Bag