

Total Pax-5 Cell-Based Colorimetric ELISA Kit

Catalog No :	KA3355C
Reactivity :	Human;Mouse
Applications :	ELISA
Gene Name :	PAX5
Human Gene Id :	5079
Human Swiss Prot No :	Q02548
Mouse Swiss Prot No :	Q02650
Storage Stability :	2-8 °C/6 months
Detection Method :	Colorimetric

Background : developmental stage:Expressed at early B-cell differentiation, in the developing CNS and in adult testis.,disease:A chromosomal aberration involving PAX5 is a cause of acute lymphoblastic leukemia. Translocation t(9;18)(p13;q11.2) with ZNF521. Translocation t(9;3)(p13;p14.1) with FOXP1. Translocation t(9;12)(p13;p13) with ETV6.,function:May play an important role in B-cell differentiation as well as neural development and spermatogenesis. Involved in the regulation of the CD19 gene, a B-lymphoid-specific target gene.,PTM:O-glycosylated.,similarity:Contains 1 paired domain.,subunit:Interacts with DAXX (By similarity). Binds DNA as a monomer. Binds TLE4.,

Function : negative regulation of transcription from RNA polymerase II promoter, transcription, transcription, DNA-dependent,regulation of transcription, DNA-dependent, regulation of transcription from RNA polymerase II promoter, transcription from RNA polymerase II promoter, immune response, humoral immune response, gamete generation,spermatogenesis, negative regulation of biosynthetic process, negative regulation of macromolecule biosynthetic process, negative regulation of macromolecule metabolic process, negative regulation of gene expression, negative regulation of organelle organization, negative regulation of transcription, sexual reproduction, regulation of histone modification, negative regulation of histone modification, regulation of histone methylation, negative regulation of histone methylation, negative regulation of cellular biosynthetic process, regulation of protein modification pr

Subcellular Location :	Nucleus .
Sort :	23070
No4 :	1
Modifications :	Unmodified

Products Images