Best Tools for immunology Research

CD3 (ABT295) IHC kit

Catalog No :	IHCM6839
Reactivity :	Human;
Applications :	IHC
Target :	CD3E
Fields :	>>Hematopoietic cell lineage;>>Th1 and Th2 cell differentiation;>>Th17 cell differentiation;>>T cell receptor signaling pathway;>>Chagas disease;>>Measles;>>Human T-cell leukemia virus 1 infection;>>Epstein-Barr virus infection;>>Human immunodeficiency virus 1 infection;>>PD-L1 expression and PD-1 checkpoint pathway in cancer;>>Primary immunodeficiency
Gene Name :	CD3E T3E
Protein Name :	CD3, CD3E
Human Gene Id :	916
Human Swiss Prot No :	P07766
Immunogen :	Synthesized peptide derived from human CD3, CD3E AA range: 1-100
Specificity :	The antibody can specifically recognize human CD3e protein, and shows no reaction with CD3d or CD3g.
Source :	Mouse, Monoclonal/IgG2a, kappa
Purification :	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.
Storage Stability :	2°C to 8°C/1 year
Background :	The protein encoded by this gene is the CD3-epsilon polypeptide, which together with CD3-gamma, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon,

gamma and delta polypeptides are located in the same cluster on chromosome 11. The epsilon polypeptide plays an essential role in T-cell development. Defects in this gene cause immunodeficiency. This gene has also been linked to a susceptibility to type I diabetes in women. [provided by RefSeq, Jul 2008],

Function : function:The CD3 complex mediates signal transduction.,online information:CD3E mutation db,similarity:Contains 1 Ig-like (immunoglobulin-like) domain.,similarity:Contains 1 ITAM domain.,subunit:The TCR/CD3 complex of T-lymphocytes consists of either a TCR alpha/beta or TCR gamma/delta heterodimer coexpressed at the cell surface with the invariant subunits of CD3 labeled gamma, delta, epsilon, zeta, and eta.,

Subcellular Location : Membranous

Expression : Membranous

Tag : hot

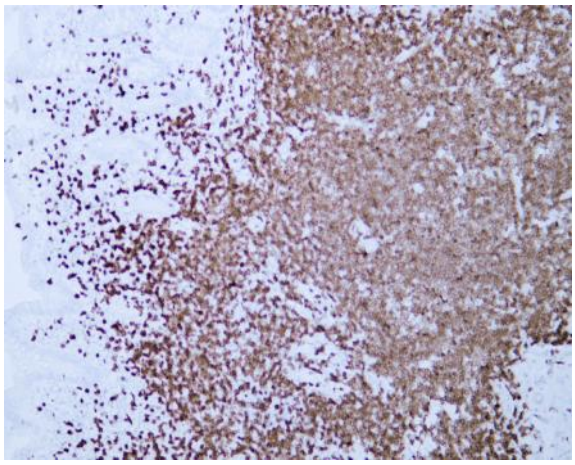
Sort : 1

Speciality : IHC antibodies

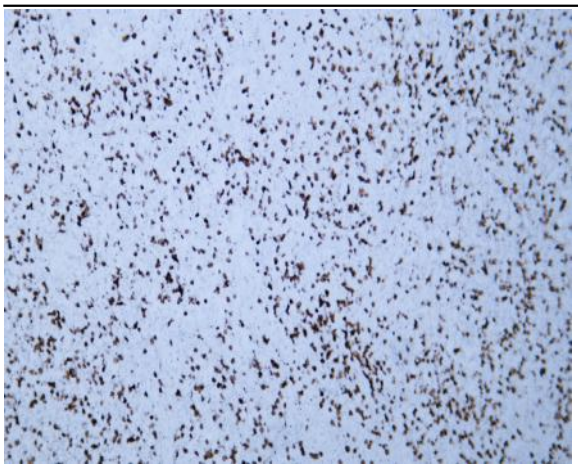
Host : Mouse

Modifications : Unmodified

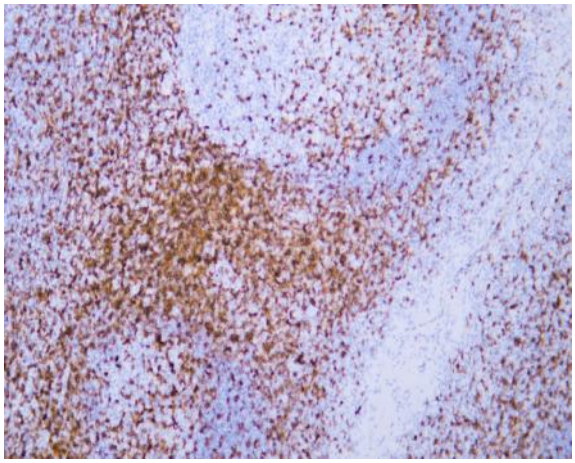
Products Images



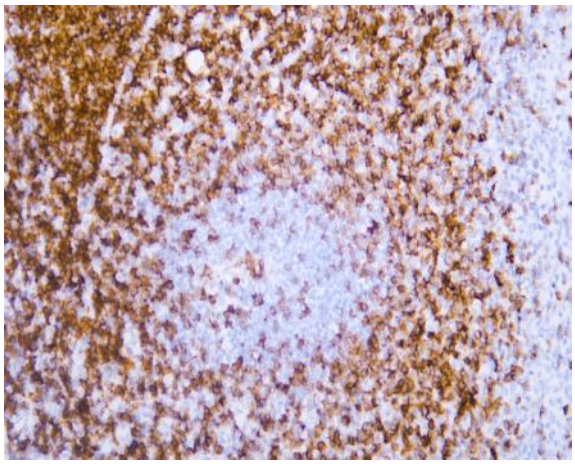
Human appendix tissue was stained with Anti-CD3 (ABT295) Antibody



Human spleen tissue was stained with Anti-CD3 (ABT295) Antibody



Human tonsil tissue was stained with Anti-CD3 (ABT295) Antibody



Human tonsil tissue was stained with Anti-CD3 (ABT295) Antibody