Rabbit Polyclonal Antibody to CD3 Zeta

Catalog No.:	RP 117, RP 117-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person (s) when evaluating and interpreting results.
Immunogen:	A synthetic peptide corresponding to aa 36 –54 aa of the human CD3 zeta protein.
Host:	Rabbit
Format:	Purified immunoglobulin fraction of rabbit antiserum against CD3 zeta containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:50-1:100 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.
Specificity:	This antibody reacts with a 19 kD protein. CD3 consists of five invariant polypeptide chains that associate to form three dimers: a heterodimer of gamma and epsilon chains, a heterodimer of delta and epsilon chains and a homodimer of two zeta chains or a heterodimer of zeta and eta chains. The zeta chain consists of three consecutive copies of the same motif. This antibody cross reacts with mouse and rat.
Positive Control:	Tonsil
Cellular Localization:	Cell membrane
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.

IVD: For In Vitro Diagnostic Use

DBS *1020 Serpentine Lane, # 114, Pleasanton, CA 94566 Tel: 925 484 3350, Fax: 925 484 3390*

Website: *www.dbiosys.com* e-mail: customersupport@dbiosys.com