

T/B Cell Cocktail (ZR414 + L20)

Rabbit & Mouse Monoclonal Antibody Cocktail

Host: Rabbit & Mouse
Specificity: Human
Immunogen: Recombinant human CD3e protein fragment (around aa 23-119) + Human tonsil B cells
Ig Class: IgG + IgG2a/k
Storage: When stored at 2-8°C, this antibody cocktail is stable for 18 months.

Specifications: T/B Cell Cocktail (ZR414 + L20) Rabbit & Mouse Monoclonal Primary Antibody Cocktail detects CD3 and CD20 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining Procedures:

Use formalin-fixed and paraffin-embedded sections.

Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended.

Detection method: Dual AP/HRP Detection Polymer System.

Working dilution: Ready-to-use.

Positive Control: Sample known to contain CD3 and CD20 protein.

Localization: Cytoplasmic.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: Zeta's T/B Cell Cocktail is a dual stain recombinant antibody cocktail that provides dual expression of CD3 (red) and CD20 (brown), allowing for the simultaneous identification and spatial assessment of T cells (CD3⁺) and B cells (CD20⁺). CD3 is a pan-T-cell marker found on all mature T lymphocytes (membrane and cytoplasmic expression). The recombinant antibody ZR414 recognizes the epsilon chain of CD3, which consists of five different polypeptide chains (designated as gamma, delta, epsilon, zeta, and eta). The CD3 antigen is a highly specific marker for T cells and has been reported expressed by most T cell neoplasms. CD20 is B-cell marker expressed on mature B lymphocytes, but not plasma cells. CD20 is a non-Ig differentiation antigen of B cells and the expression of CD20 is restricted to normal and neoplastic B cells, being absent from all other leukocytes and tissues. CD20 is the most specific B-cell marker used in paraffin immunohistochemistry.

Supplied As: Purified antibodies diluted in Tris-HCl buffer containing stabilizing protein and <0.1% ProClin.

References:

1. Campana D, et al. J Immunol. 1987; 138:648-55
2. Aguilera NS, et al. Arch Pathol Lab Med. 2006; 130:1772-9. 2.
3. Barrionuevo C, et al. Appl Immunohistochem Mol Morphol. 2007; 15:38-44.
4. Bovenschen HJ, et al. Br J Dermatol. 2005; 153:72-8.

REF Z2855MRP-R (7ml Pre-dil)



605 E. Huntington Dr.,
Suite 204
Monrovia, CA 91016
Tel: (626) 355-2053
<http://www.zeta-corp.com>



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use only)



(lot number)



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