

T Cell Clonality Cocktail (ZR481 + ZM45)

Rabbit & Mouse Monoclonal Antibody Cocktail

Host: Rabbit & Mouse
Specificity: Human
Immunogen: Synthesized human CD3 protein; Synthetic peptide corresponding to TCR β constant region 1 protein.
Ig Class: IgG + IgG1/k
Storage: When stored at 2-8°C, this antibody cocktail is stable for 18 months.

Specifications: T Cell Clonality Cocktail (ZR481 + ZM45) Rabbit & Mouse Monoclonal Primary Antibody Cocktail detects TRBC1 and CD3 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 TRBC1 and CD3 protein.

Localization: Cytoplasmic.

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

Description: Zeta's T Cell Clonality Cocktail provides dual staining for CD3 (brown) and TRBC1 (T-cell receptor beta constant 1) (red). Zeta's ZM45 antibody reacts with the intracytoplasmic portion of the CD3 antigen expressed by T cells. It stains human T cells in both the cortex and medulla of the thymus and in peripheral lymphoid tissues. TRBC1 refers to T-Cell Receptor Beta Constant 1. It encodes the constant region of the TCR β chain, which, together with variable and joining regions, forms the complete TCR that interacts with antigens.

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

References:

1. Beverley PC, et al. Eur J Immunol. 1981; 11:329-34. 2.
2. Campana D, et al. J Immunol. 1987; 138:648-55. Dogan A, et al. Am J Surg Pathol. 2003; 27:903-11.
3. Liu J, et al: Am J Surg Pathol. 2023;47(11):1325-1331.
4. Horna P et al: J Invest Dermatol. 2021;141:821-829

REF Z2854MRP-R (7ml Pre-dil)



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(research
use only)



(lot number)



(catalogue
number)



(expiry date)



(temperature
limit)



(consult
Instructions
for Use)