



Anti-Tetracycline monoclonal antibody, clone K88Y88 (DMAB8851)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal antibody to tetracycline.
Specificity	Targeting Tetracycline specifically
Immunogen	Tetracycline-BSA Conjugate
Source/Host	Mouse
Species Reactivity	N/A
Clone	K88Y88
Conjugate	Unconjugated
Applications	ELISA, LFIA
Size	1 mg
Buffer	0.01 mol/L pH 7.4 Phosphate Buffer Solution.
Preservative	None
Storage	Short-term store at 2-8°C, Long-term store at -20°C.

BACKGROUND

Introduction	Tetracycline (INN) is a broad-spectrum polyketide antibiotic produced by the Streptomyces genus of Actinobacteria, indicated for use against many bacterial infections. It is a protein synthesis inhibitor. It is commonly used to treat acne today, and, more recently, rosacea, and is historically important in reducing the number of deaths from cholera. Tetracycline is marketed
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under the brand names Sumycin, Tetracyn, and Panmycin, among others. Actisite is a thread-like fiber formulation used in dental applications. It is also used to produce several semisynthetic derivatives, which together are known as the tetracycline antibiotics. The term "tetracycline" is also used to denote the 4-ring system of this compound; "tetracyclines" are related substances that contain the same 4-ring system.

Keywords

4a,5,5a,6,11,12a-octahydro-3,6,10,12,12a-pentahydroxy-6-4-(dimethylamino)-4; 6-methyl-1,11-dioxy-2-naphthacenecarboxamide; abramycin; abricycline; achromycin(naphthacenederivative); (naphthracenederivatives); agromicina; ambramicina; ambramycin; amycin; b
