



Anti-Tetracycline monoclonal antibody (DCABH-201835)

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

PRODUCT INFORMATION

Immunogen	Tetracycline (amide)-BTG
Source/Host	Sheep
Species Reactivity	N/A
Purification	Protein A affinity chromatography
Conjugate	Unconjugated
Applications	ELISA, WB, Dot Blot, IHC, Immunoassays, Development of Rapid tests and other immunoassay, antibody recognition assays.
Format	Purified monoclonal antibody
Concentration	1.82 mg/ml (U.V. abs at 280nm with 1mg/ml)
Size	100 µg, 1 mg
Buffer	PBS at pH 7.3-7.4
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.

BACKGROUND

Introduction	The tetracyclines are a group of closely related bacteriostatic antibiotics with similar antibacterial spectra. The tetracyclines are variably absorbed after oral administration and penetrate into most tissues and body fluids, with the highest levels in kidney and liver. All
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tetracyclines are excreted in urine and faeces, either as the parent molecule or as microbiologically inactive forms. The inactive 4-epimers are thought to be artefacts produced by chemical rather than biological processes and can form spontaneously during sample preparation. Tetracyclines are used extensively in veterinary medicine and their use in food producing animals could result in potentially harmful concentrations in tissue, organs and milk. The potential risk is reduced by withdrawal of the drug for a fixed period before slaughter, although residual levels may remain.

Keywords

tetracyclines; 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; biocycline; bio-tetra; bristaciclinalpha; bristacycline; cefracyclinesuspension; ciclibion; criseociclina; cytome; democracin; hostacyclin; liquamycin; medocycline; mericycline; t-125

GENE INFORMATION

References

1. European Medicines Agency (EMA), Committee for Medicinal Products for Veterinary Use, Oxytetracycline, Tetracycline, Chlortetracycline, Summary Reports 1-3. 33. Commission Regulation (EC) No 508/1999 of 4 March 1999, Official Journal of the European Communities, L 60/16.
