

Anti-Mouse/Human TGF-beta1, 2, 3 In Vivo Antibody - Ultra Low Endotoxin

IVMB0081

Description

This Anti-Mouse/Human TGF-beta1, 2, 3 In Vivo Antibody - Ultra Low Endotoxin is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	IVMB0081
Contents:	1mg, 5mg, 25mg, 50mg, 100mg Bradford Reagent: 1 vial (2ml)
Synonyms:	TGFB, DPD1, TGFB1, Differentiation Inhibiting Factor, Cartilage-Inducing Factor, Latency Associated
Category:	Monoclonal Antibody
Target:	TGF-β1 TGF-β2 TGF-β3
Clone:	1D11.16.8
Isotype:	Mouse IgG1
Applications:	IHC In Vivo N WB
Specificity:	Mouse Anti-Human/Mouse Transforming Growth Factor-Beta 1, 2, 3 (TGF-β1,2,3) (Clone 1D11) recognizes an epitope on Human/Mouse TGF-β1,2,3. This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Antibody Data

Reactivity:	Human, Mouse
Host species:	Mouse

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

Expression Host:	-
Immunogen:	Bovine TGF β isoform 2
Product concentration:	≥ 5.0 mg/ml
Endotoxin Level:	<0.5 EU/mg as determined by the LAL method
Purity:	$\geq 98\%$ Monomer by analytical SEC, $>95\%$ by SDS Page
Formulation:	This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.

Preparation & Storage

Storage:	Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at $\leq -70^\circ\text{C}$. Avoid Repeated Freeze Thaw Cycles. Store Bradford Reagent at Room Temperature for 1 Year.
Shipping:	Next Day 2-8°C
Preparation:	Functional grade preclinical antibodies are manufactured in an animal free facility using in vitro cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.
Recommended Dilution Buffer:	In vivo Antibody Diluent pH 7.2
Recommended Usage:	-
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol