

Anti-Mouse CD86 In Vivo Antibody - Ultra Low Endotoxin

IVMB0157

Description

This Anti-Mouse CD86 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:	IVMB0157
Contents:	1mg, 5mg, 25mg, 50mg, 100mg Bradford Reagent: 1 vial (2ml)
Synonyms:	B7-2, B70, Ly-58, CD-86
Category:	Monoclonal Antibody
Target:	B7-2
Clone:	GL1
Isotype:	Rat IgG2a κ
Applications:	B ELISA FC IHC FF In Vivo IP WB
Specificity:	Clone GL-1 recognizes an epitope on mouse CD86.

Antibody Data

Reactivity:	Mouse
Host species:	Rat
Expression Host:	-
Immunogen:	LPS-activated CBA/Ca Mouse splenic B cells

Manufacturers Statement

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

Product concentration:	≥ 5.0 mg/ml
Endotoxin Level:	<0.5 EU/mg as determined by the LAL method
Purity:	≥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 ≤ -70°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:	Application	Recommended Usage
	ELISA	This antibody is useful as the capture antibody in a sandwich ELISA. The suggested coating concentration is 5 µg/ml (100 µl/well) µg/ml.
	WB	This antibody can be used to detect Human, Mouse and Rat TIM-1 by Western blot analysis at a concentration of 1.0-2.0 µg/ml when used in conjunction with compatible secondary reagents, such as PN:R951, under either reducing or non-reducing conditions. The positive control for Western blotting is PN:U124.

**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