

CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET

Product name	IL-1RI (p80), Mouse, clone D1f3	Expiry date	-
Catalog number	HM1024-20UG		
Lot number	-	Amount	20 µg
Volume	200 µl	Concentration	100 µg/ml
Formulation	0.2 µm filtered in PBS+0.1%BSA	Conjugate	None
Host Species	Rat IgG1	Purification	Protein G
Endotoxin	< 24 EU/mg		
Storage	4°C		

Application notes

	IHC-F	IHC-P	IF	FC	FS	IA	IP	W
Reference #								
Yes					•			•
No								
N.D.	•	•	•	•		•	•	

N.D.= Not Determined; IHC = Immuno histochemistry; F = Frozen sections; P = Paraffin sections; IF = Immuno Fluorescence; FC = Flow Cytometry; FS = Functional Studies; IA = Immuno Assays; IP = Immuno Precipitation; W = Western blot

Dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10.

- FS: For neutralization of biological activity dilutions have to be made according to the amounts IL-1 RI to be inactivated. The antibody is useful for inhibition in biological assays, in vitro as well as in vivo. Although for in vitro use the monoclonal antibody HM1022 (clone Reg21) is recommended.

General Information

Description	The monoclonal antibody binds to soluble mouse interleukin-1 receptor type I. The IL-1 system includes two agonists (IL-1alpha and IL-1beta), converting enzymes, antagonists, two receptors (IL-1RI and IL-1RII) and the IL-1 receptor accessory protein. Interleukin-1 signal is transduced through the type I receptor.
References	<ol style="list-style-type: none"> Kojouharoff, G et al; Neutralization of tumour necrosis factor (TNF) but not of IL-1 reduces inflammation in chronic dextran sulphate sodium induced colitis in mice. Clin Exp Immunol 1997, 107: 353 Stern, A et al; Purification to homogeneity and amino acid sequence analysis of a receptor protein for interleukin-1. Arch Biochem Biophys 1989, 274: 26
Storage&stability	Product should be stored at 4°C. Under recommended storage conditions, product is stable for at least one year.
Precautions	For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result from the use or derivation of this product.

We hereby certify that the above-stated information is correct and that this product has been successfully tested by the Quality Control Department. This product was released for sale according to the existing specifications. This document has been produced electronically and is valid without a signature.

Approved by Manager of QC
Brenda Teunissen

Date
13/07/2021

Do you have any questions or comments regarding this product? Please contact us via support@hycultbiotech.com.