

Product Datasheet

MMR/CD206/Mannose Receptor Antibody (5C11) - Azide and BSA Free H00004360-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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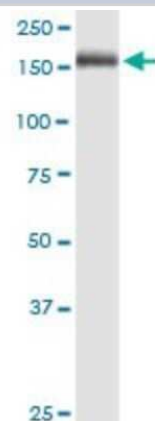
H00004360-M02

MMR/CD206/Mannose Receptor Antibody (5C11) - Azide and BSA Free

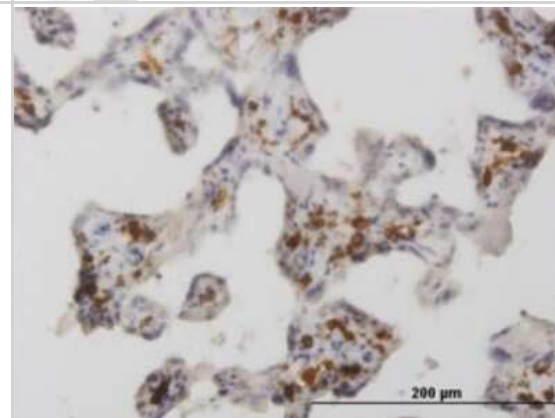
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5C11
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4360
Gene Symbol	MRC1
Species	Human, Fungi, Monkey
Reactivity Notes	Fungi reactivity reported in scientific literature (PMID: 25506589).
Specificity/Sensitivity	MRC1 (5C11)
Immunogen	MRC1 (NP_002429, 22 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. TRQFLIYNEDHKRCVDAVSPSAVQTAACNQDAESQKFRWVSESQIMSVAFKLC LGVPSKTDWVAITLYACDSKSEFQKWECKNDTLLGIKGEDLFFNYGNRQEKNI MLY
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control. It has been used for IHC-P. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 24874253).

Images

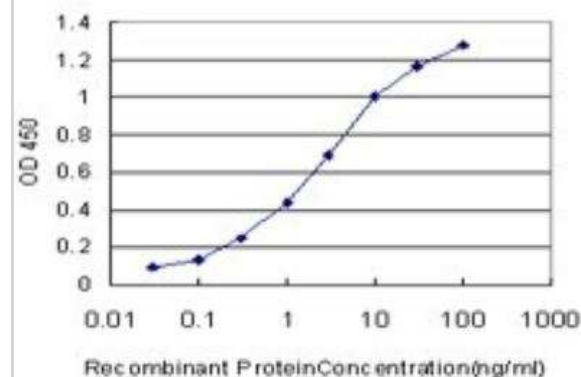
Western Blot: MMR/CD206/Mannose Receptor Antibody (5C11) [H00004360-M02] - MRC1 monoclonal antibody (M02), clone 5C11. Analysis of MRC1 expression in human pancreas.



Immunohistochemistry-Paraffin: MMR/CD206/Mannose Receptor Antibody (5C11) [H00004360-M02] - Analysis of monoclonal antibody to MRC1 on formalin-fixed paraffin-embedded human placenta. Antibody concentration 1.5 ug/ml.



ELISA: MMR/CD206/Mannose Receptor Antibody (5C11) [H00004360-M02] - Detection limit for recombinant GST tagged MRC1 is approximately 0.03ng/ml as a capture antibody.



Publications

Eiichi O, Naing A, Rintaro O et al. The Distribution of Macrophage Subtypes and Their Relationship to Bone Morphogenetic Protein 2 in Calcified Aortic Valve Stenosis. *Am J Transl Res.* 2020-05-15 [PMID: 32509172]

Hussein K, Stucki-Koch A, Müller A et al. Complement receptor-associated CD163+/CD18+/CD11c+/CD206-/CD209-expression profile in chronic histiocytic intervillitis of the placenta. *Placenta.* 2019-02-15 [PMID: 30955707]

Cheng P, Yukio F, Hasita H et al. Cyclic sulfur compounds targeting macrophage polarization into M2/protumor phenotype and their anti-tumor effects. *Cancer Immunol Immunother.* 2021-10-16 [PMID: 34655303]

ASMR Haque, M Moriyama, K Kubota, N Ishiguro, M Sakamoto, A Chinju, K Mochizuki, T Sakamoto, N Kaneko, R Munemura, T Maehara, A Tanaka, JN Hayashida, S Kawano, T Kiyoshima, S Nakamura CD206+ tumor-associated macrophages promote proliferation and invasion in oral squamous cell carcinoma via EGF production *Sci Rep*, 2019-10-10;9(1):14611. 2019-10-10 [PMID: 31601953]

Takuma M, Masato F, Ryosuke N et al. Comparison of Phenotypes in Subcutaneous Fat and Perivascular Adipose Tissue Surrounding the Saphenous Vein in Coronary Artery Bypass Grafting. *Circ J.* 2023-02-03 [PMID: 36740256]

Takanobu K, Rintaro O, Naing A et al. Potential role of M2 TAMs around lymphatic vessels during lymphatic invasion in papillary thyroid carcinoma. *Sci Rep.* 2021-01-13 [PMID: 33441903]

Yuming L, Jinmai Z, Zhuo W et al. Multi-omics characterization reveals the pathogenesis of liver focal nodular hyperplasia. *iScience.* 2022-08-11 [PMID: 36060063]

Numaguchi R, Furuhashi M, Matsumoto M et al. Differential Phenotypes in Perivascular Adipose Tissue Surrounding the Internal Thoracic Artery and Diseased Coronary Artery. *J Am Heart Assoc.* 2019-03-07 [PMID: 30638109]

Ko A, Kang G, Hattler JB et al. Macrophages but not Astrocytes Harbor HIV DNA in the Brains of HIV-1-Infected Aviremic Individuals on Suppressive Antiretroviral Therapy. *J Neuroimmune Pharmacol* 2018-09-07 [PMID: 30194646]

Wehrhan F, Buttner-Herold M, Distel L et al. Galectin 3 expression in regional lymph nodes and lymph node metastases of oral squamous cell carcinomas. *BMC Cancer* 2018-08-16 [PMID: 30115022]

Weber M, Schlittenbauer T, Moebius P et al. Macrophage polarization differs between apical granulomas, radicular cysts, and dentigerous cysts. *Clin Oral Investig* 2017-05-13 [PMID: 28501945]

Nakagawa T, Ohnishi K, Kosaki Y et al. Optimum immunohistochemical procedures for analysis of macrophages in human and mouse formalin fixed paraffin-embedded tissue samples. *J Clin Exp Hematop* 2017-05-08 [PMID: 28679964]

More publications at <http://www.novusbio.com/H00004360-M02>





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-90020PEP	MMR/CD206/Mannose Receptor Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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