DATASHEET

CD200 Rabbit Monoclonal Antibody(ARA6378)

CAT. NO. ARA6378

KEY FEATURES

Target:	CD200	**Clone ID:**	ARA6378
Source/Host:	Rabbit	**Reactivity:**	Human
Clonality:	Monoclonal	**Applications:**	IHC
Storage:	at-20°C		

BACKGROUND

OX-2 membrane glycoprotein, also designated CD200, is a type-1 membrane glycoprotein encoded by the CD200 gene on human chromosome 3, in proximity to the genes encoding the B7 proteins CD80 and CD86. The protein contains two immunoglobulin superfamily domains, a transmembrane region and a 19-amino-acid cytoplasmic domain, and belongs to the immunoglobulin superfamily, in particular to the B7 receptor family. CD200 interacts with its receptor CD200R and delivers inhibitory signals that modulate myeloid and lymphoid cell activation, and the CD200-CD200R axis plays an important role in immunoregulation and tumour immune evasion. CD200 expression is detected by immunohistochemistry in B-cell lymphoproliferative disorders and plasma cell neoplasms, where it is used as an ancillary marker in the diagnostic work-up.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:500-1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Recombinant rabbit monoclonal antibody to CD200
Antibody Type	Primary antibody,Recombinant
Immunogen	Recombinant protein within human CD200 aa 1-259 / 278.
Purification	Protein A affinity purified.
Molecular Weight	Predicted: 31 kD; Observed: 40-50 kD
Isotype	IgG
Form/Buffer	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Alternative Names	CD200; MOX1; MOX2; OX-2; OX2G; MRC OX-2 antigen
Gene Symbol	CD200
Entrez Gene	4345(Human)
SwissProt	P41217(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

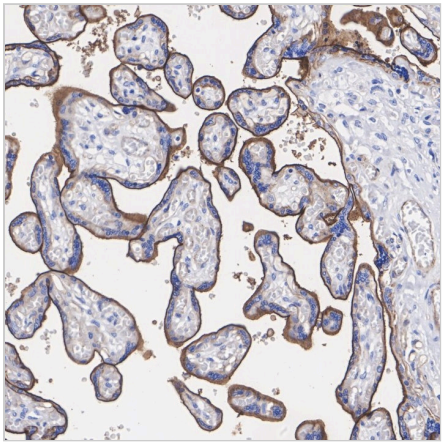
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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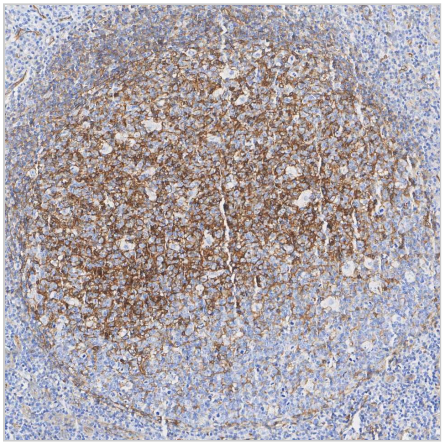
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Immunohistochemical analysis of paraffin-embedded human placenta tissue with CD200 Rabbit Monoclonal Antibody(ARA6378).



Immunohistochemical analysis of paraffin-embedded human tonsil tissue with CD200 Rabbit Monoclonal Antibody(ARA6378).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com