

Goat anti-Human IgM Secondary Antibody, Biotin

Product Details

Size	500 µg
Species Reactivity	Human
Host/Isotype	Goat / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	Biotin
Form	Liquid
Concentration	0.5 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.8, with 1mg/mL BSA
Contains	0.08% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. Glycerol (1:1) may be added for added stability.
RRID	AB_228278

Applications	Tested Dilution	Publications
Western Blot (WB)	1:20,000-1:400,000	-
Immunohistochemistry (IHC)	1:500-1:5,000	-
Immunocytochemistry (ICC/IF)	1:500-1:5,000	-
In Situ Hybridization (ISH) (ISH)	Assay-dependent	-

Product Specific Information

Product # 31778 has been successfully used in Western blot, IF, ICC, IHC and ISH applications.

Product # 31778 reacts with the heavy chains of human IgM, but does not react against non-immunoglobulin serum proteins. Based on solid-phase enzyme immunoassay, this antibody cross-reacts with rabbit IgM, swine IgM (25%) rat IgM (12%) guinea pig IgG (6%) mouse IgM (3%) dog IgM (1%), and it has minimal cross-reactivity with immunoglobulins from other species.

3 References

B cells expressing IgM B cell receptors of HIV-1 neutralizing antibodies discriminate antigen affinities by sensing binding association rates. *Cell Rep* (2022)

Neuronal aging potentiates beta-amyloid generation via amyloid precursor protein endocytosis *bioRxiv* (2019)

Bin1 and CD2AP polarise the endocytic generation of beta-amyloid. *EMBO Rep* (2017)

Strand-specific RNA-Seq transcriptome analysis of genotypes with and without low-phosphorus tolerance provides novel insights into phosphorus-use efficiency in maize. *BMC Plant Biol* (2016)

Native human autoantibodies targeting GIPC1 identify differential expression in malignant tumors of the breast and ovary. *BMC Cancer* (2008)

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