

Datasheet: HCA058A

Description:	HUMAN ANTI MOUSE IgE
Specificity:	IgE
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	AbD04658
Isotype:	HuCAL Fab bivalent
Quantity:	50 µg

Product Details

RRID AB_915308

Applications This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			1/1000 - 1/5000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species Mouse

Product Form A bivalent human recombinant Fab (lambda light chain) selected from the HuCAL® GOLD phage display library. Expressed in *E. coli* and purified using metal chelate affinity chromatography. This Fab fragment is dimerized via a helix-turn-helix motif. The antibody is tagged with a myc-tag (EQKLISEEDL) and a his-tag (HHHHHH) at the C-terminus of the antibody heavy chain.

Preparation Metal chelate affinity chromatography

Buffer Solution Phosphate buffered saline

Preservative Stabilisers 0.01% Thiomersal

Approx. Protein Concentrations Antibody concentration 0.5 mg/ml

Immunogen Purified mouse monoclonal IgE.

External Database Links

UniProt:
[P06336](#) [Related reagents](#)

Entrez Gene:[380792](#) Gm900 [Related reagents](#)

Specificity	Human anti Mouse IgE antibody, clone AbD04658 recognizes mouse IgE. No cross reactivity is seen with other mouse immunoglobulin sub-classes or rat, sheep, bovine and goat immunoglobulins.
Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	6 months from date of despatch
Acknowledgements	Sold under license of U.S. Patents 6753136, 7785859 and 8273688 and corresponding patents. This antibody was developed by Bio-Rad, Zeppelinstr. 4, 82178 Puchheim, Germany. His-tag is a registered trademark of EMD Biosciences.
Health And Safety Information	Material Safety Datasheet documentation #10094 available at: 10094: https://www.bio-rad-antibodies.com/uploads/MSDS/10094.pdf
Licensed Use	For in vitro research purposes only, unless otherwise specified in writing by Bio-Rad.
Regulatory	For research purposes only
Technical Advice	Recommended protocols and further information about HuCAL recombinant antibody technology can be found in the HuCAL Antibodies Technical Manual

Related Products

Recommended Secondary Antibodies

Mouse Anti Synthetic Peptide HISTIDINE TAG (MCA5995...) [HRP](#)Goat Anti Human IgG F(ab')₂ (0500-0099...) [HRP](#)Mouse Anti Human C-MYC (MCA2200...) [HRP](#)**North & South America** Tel: +1 800 265 7376
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