



Anti-Rat IgE monoclonal antibody, clone MARE-1 [Biotin] (CABT-49902MR)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Rat IgE antibody, clone MARE-1 recognizes rat epsilon heavy chain of immunoglobulin IgE and does not cross-react with other classes of rat immunoglobulin. Mouse anti Rat IgE antibody, clone MARE-1 binds to rat IgE with an avidity of $4 \times 10^9 \text{M}^{-1}$
Specificity	IgE
Immunogen	Rat IR162, IR1016, IR2 and IR410 IgE myeloma proteins
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	MARE-1
Conjugate	Biotin
Applications	ELISA; WB
Format	Purified IgG conjugated to Biotin - liquid
Size	500 µg
Preservative	See individual product datasheet
Storage	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Ighe immunoglobulin heavy chain (epsilon polypeptide) [Rattus norvegicus (Norway rat)]
Official Symbol	Ighe
Synonyms	IGHE; immunoglobulin heavy chain (epsilon polypeptide); IGH2; IGE;
Entrez Gene ID	299351
UniProt ID	P01855
Chromosome Location	6q32
Pathway	FCERI mediated Ca+2 mobilization; FCERI mediated MAPK activation; Fc epsilon receptor (FCERI) signaling; Immune System; Innate Immune System; Role of LAT2/NTAL/LAB on calcium mobilization;