

Absea Product data sheet

Product number	000101A02H
Antibody specificity	Ig epsilon chain C region (IgE)
Species reactivity	Human
UniProt	P01854
Clone number	1A2
Immunogen	Recombinant human IgE
Antibody isotype	Mouse IgG1
Antibody form	Intact antibody labelled with horseradish peroxidase
Concentration	1 mg/ml in PBS containing 0.01% thimerosal as a preservative
Cross-reactivity	React with IgE purified from blood, not cross-react with recombinant human IgG1, IgG2, IgG3, IgG4, IgA and IgM

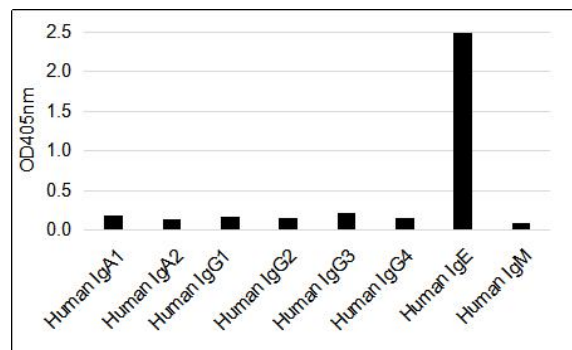


Figure 1. Cross-reactivity of 1A2 with other immunoglobulins

Applications Detection antibody for sandwich ELISA (paired with 4C3), ELISA for IgE isotyping

These are applications that have been tested. It does not mean that the antibody cannot be used for other applications

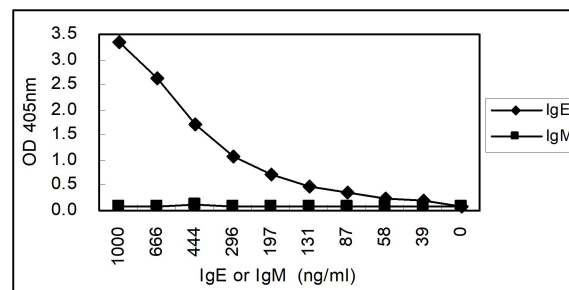


Figure 2. Sandwich ELISA using 4C3 coated plate and HRP conjugated 1A2.

Suggested working concentrations ELISA: 1/1000
Sandwich ELISA: 1/1000

Optimal concentrations should be determined by the end user

Preparation	IgG is purified through a Protein A column and labelled with horseradish peroxidase
Store	4 °C for 1 month, -20 °C or -80°C in aliquots. Avoid repeated freeze/thaw cycles
Safety information	This product contains thimerosal which is hazardous