

Absea Product data sheet

Product number	000104C03
Antibody specificity	Ig epsilon chain C region (IgE)
Species reactivity	Human
UniProt	P01854
Clone number	4C3
Immunogen	Recombinant human IgE
Antibody isotype	Mouse IgG1
Antibody form	Intact antibody
Concentration	1 mg/ml in PBS containing 0.09% sodium azide as a preservative
Cross-reactivity	React with IgE purified from blood, not cross-react with recombinant human IgG1, IgG2, IgG3, IgG4, IgA and IgM
Applications	Primary antibody for ELISA and Western blotting; capture antibody for sandwich ELISA (paired with 1A2/HRP)

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

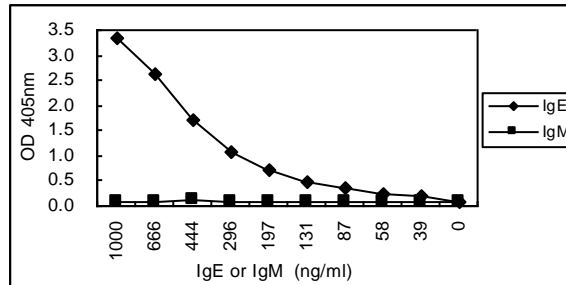


Figure 1. Sandwich ELISA using 4C3 coated plate and HRP conjugated 1A2.

Suggested working concentrations	ELISA: 1 μ g/ml Western blotting: 1/500 - 1/10000 Sandwich ELISA: 5 μ g/ml for coating plates Optimal concentrations should be determined by the end user
Preparation	IgG is purified through a Protein A column
Store	4 $^{\circ}$ C for 1 month, -20 $^{\circ}$ C or -80 $^{\circ}$ C in aliquots. Avoid repeated freeze/thaw cycles
Safety information	This product contains sodium azide which is hazardous