

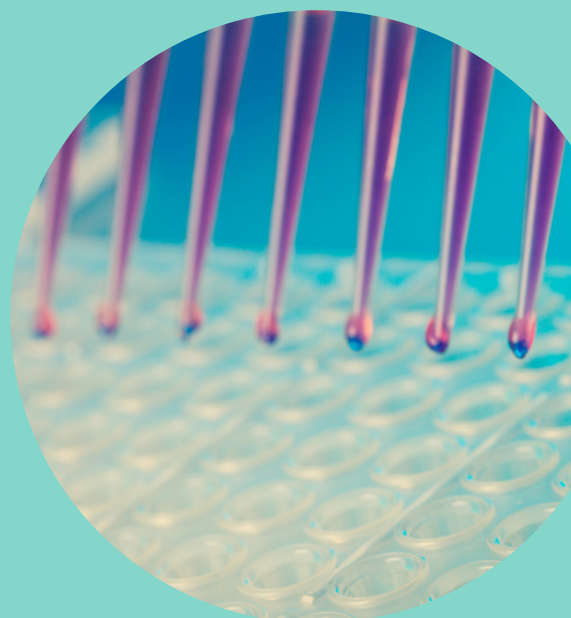
# Human IgE (non-immune, low endotoxin)

Let our unique monoclonal Human IgE antibodies contribute to your research and reliable production

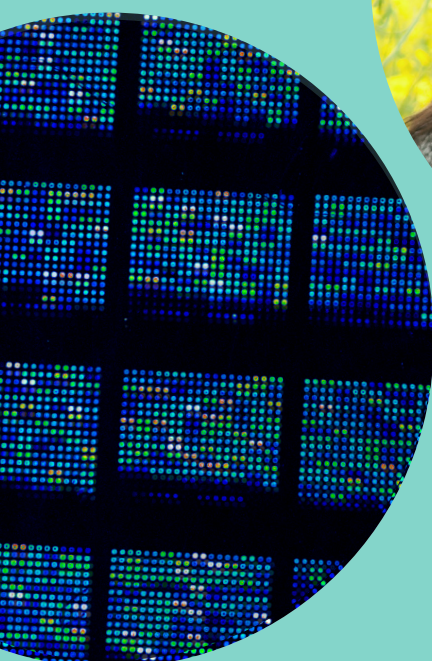


IMMUNOHISTO-  
CHEMISTRY

QUANTITATIVE  
ASSAYS



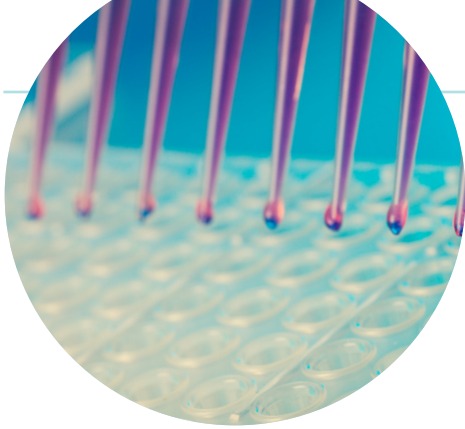
INTERNAL  
CONTROL



CELL  
STIMULATION /  
SENSITIZATION

MICROARRAY /  
BIOSENSOR





# PREPARATION

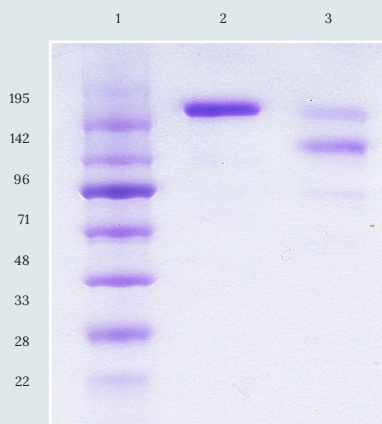
The human IgE comes from a monoclonal cell line, and is purified by Protein L chromatography, with a purity > 90%, tested by SDS-PAGE.

## WHAT IS HE1 IgE?

The HE1 IgE is an affinity-purified, fully human IgE antibody with kappa light chains. It is produced in vitro from a monoclonal hybridoma. This source minimizes the risk of contamination from other immunoglobulin isotypes. Compared to IgE from a myeloma patient, where batch-to-batch variability may be high, the monoclonal source of IgE ensures very high reproducibility.

This human IgE is widely used in the field of allergy research and assay production, specifically as a standard in quantitative IgE assays and for internal control and QC purposes.

### SDS-PAGE (16%)



#### Lane 1:

Molecular weight markers.

#### Lane 2:

DIA HE1 purified human IgE, 185 kDa.

#### Lane 3:

IgE, Purified from serum from a myeloma patient

## HE1 Human IgE PRODUCT SPECIFICATIONS

Delivered in 400  $\mu$ L, 1 mL  
or custom volumes

Cat. No.	Specificity	Volume, Concentration
<b>DIA HE1</b>	Human IgE (non-immune) (azide-free, low endotoxin)	400 $\mu$ L, 1 mL/mL 1 mL, 1 mg/mL
<b>DIA HE1A</b>	Human IgE (non-immune) (azide, low endotoxin)	400 $\mu$ L, 1 mg/mL 1 mL, 1 mg/mL
<b>DIA HE1B</b>	Human IgE (non-immune), biotinylated (azide, low endotoxin)	150 $\mu$ L, 1 mg/mL

*All products are available for research use only.*

## Product summary

<b>CLONE</b>	HE1
<b>ORIGIN</b>	Monoclonal cell line
<b>SUBCLASS</b>	IgE/k
<b>PRODUCTION</b>	In vitro hollow fibre production system
<b>PREPARATION</b>	Protein L purified
<b>PURITY</b>	>90%
<b>ENDOTOXIN LEVEL</b>	<25 EU/mg – DIA HE1-01 / DIA HE1-1
<b>UNITS</b>	1 mg of DIA HE1 is 380,000 $\pm$ 50,000 IU/ml



Unique source that ensures high reproducibility and reliability



Low endotoxin levels

Purity >90%

Low batch-to-batch variability

Free from contamination by other immunoglobulin isotypes

High reproducibility

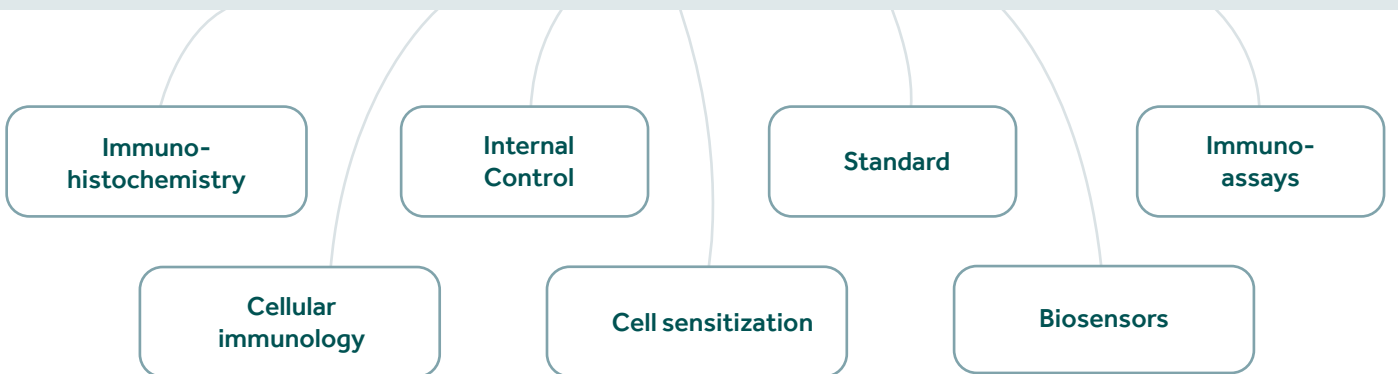
With and without azide

## HE1 Human IgE – Applications

Numerous applications ensures wide use

# BIOPORTO HE1 IgE

Widely used for research and production



# SCIENTIFIC REFERENCES

## HE1 IgE

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