

Technical Data Sheet

AKP Mouse Anti-Human IgE

Product Information

Material Number:	555859
Size:	1.0 ml
Clone:	G7-26
Isotype:	Mouse IgG2a, κ
Reactivity:	QC Testing: Human
Workshop:	NA
Storage Buffer:	Aqueous buffered solution containing BSA and $\leq 0.09\%$ sodium azide.

Description

The G7-26 antibody reacts with human immunoglobulin E. It does not react with other heavy chain isotypes.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

The antibody was conjugated with AKP under optimum conditions, and unconjugated antibody and free AKP were removed.

Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Application Notes

Application

ELISA	Routinely Tested
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Recommended Assay Procedure:

In a quantitative sandwich ELISA for measuring IgE, this antibody may be used at concentration of 1:1000 dilution and be paired with purified anti-human IgE clone G7-18 (Cat. No. 555894).

Suggested Companion Products

Catalog Number	Name	Size	Clone
555894	Purified Mouse Anti-Human IgE	0.5 mg	G7-18

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
3. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at www.bdbiosciences.com/colors.
4. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
5. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

References

- Brinkley M. A brief survey of methods for preparing protein conjugates with dyes, haptens, and cross-linking reagents. *Bioconj Chem.* 1992; 3(1):2-13.(Biology)
- Mattson G, Conklin E, Desai S, Nielander G, Savage MD, Morgensen S. A practical approach to crosslinking. *Mol Biol Rep.* 1993; 17(3):167-183.(Biology)
- Weston PD, Devries JA, Wrigglesworth R. Conjugation of enzymes to immunoglobulins using dimaleimides. *Biochim Biophys Acta.* 1980; 612(1):40-90.(Biology)

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