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Datasheet for ABIN111010 **anti-Triiodothyronine T3 antibody**

Overview

Quantity:	1 mg
Target:	Triiodothyronine T3 (T3)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Triiodothyronine T3 antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA)

Product Details

Clone:	ME-124
Isotype:	IgG1
Purification:	Protein A chromatography and 0.22 µm filtration

Target Details

Target:	Triiodothyronine T3 (T3)
Alternative Name:	Triiodothyronine / T3 (T3 Products)
Target Type:	Amino Acid
Background:	Triiodothyronine is a hormone made by the thyroid gland. It has three iodine molecules attached to its molecular structure. It is the most powerful thyroid hormone, and affects almost every process in the body, including body temperature, growth, and heart rate.

Application Details

Application Notes: Works in ELISA. The antibody can be used as a capture or tracer antibody in enzyme-Immunoassays(See "Protocols").
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Protocol: As a capture, the antibody should be immobilized at a concentration of 3 µg/ml in 0.2 M carbonate/bicarbonate buffer, use 50-100 µl/well to coat. As a tracer, the antibody can be conjugated to horseradish peroxidase (HRP) or biotin as a means of elaborating the specific reaction.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL (OD280 nm, E0.1% = 1.36)

Buffer: PBS, pH 7.2 without preservatives.

Preservative: Without preservative

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.
