EXBIO Antibodies

PRODUCT DATA SHEET

A7-106-C025

Monoclonal Antibody to Cytokeratin 18 Alexa Fluor® 700 conjugated (0.025 mg)

Clone:	C-04
Isotype:	Mouse IgG1
Specificity:	The antibody C-04 reacts with Cytokeratin 18 (45 kDa), a member of intermediate filaments subfamily represented in epithelial tissues.
Immunogen:	Cytoskeleton preparation of epidermal carcinoma cell line A431.
Species Reactivity:	Mammalian
Preparation:	The purified antibody is conjugated with Alexa Fluor® 700 under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Concentration:	0.1 mg/ml
Storage Buffer:	The reagent is provided in phosphate buffered saline (PBS) containing 15 mM sodium azide and 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) as a stabilizing agent.
Storage / Stability:	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label. Short-term exposure to room temperature should not affect the quality of the reagent. However, if reagent is stored under any conditions other than those specified, the conditions must be verified by the user.
Usage:	The reagent is designed for Flow Cytometry analysis. It is recommended to use 5-10 µl of antibody conjugate per 10^6 cells (1000 µl cell suspension). Since applications vary, the reagent should be titrated for each particular testing system.
Expiration:	See vial label
Lot Number:	See vial label
Background:	Cytokeratins are a subfamily of intermediate filaments and characterized by remarkable biochemical diversity. Cytokeratins are represented in epithelial tissues by at least 20 different polypeptides, molecular weight between 40 kDa and 68 kDa. The individual cytokeratin polypeptides are designated 1 to 20 and divided into the type I (acidic cytokeratins 9-20) and type II (basic to neutral cytokeratins 1-8) families. Cytokeratins 18 belongs to type I family (acidic cytokeratins).

For laboratory research only, not for drug, diagnostic or other use.

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References:

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