

DATA SHEET

Anti-Cytokeratin (clone 34 β E12)

Mouse Monoclonal Antibody

Cat. #HC508

Description: Anti-Muscle Actin

Clone Designation: 34 β E12

Ig Isotype: IgG1

Supplied:

Affinity purified monoclonal antibody concentrated, supplied in phosphate buffered saline containing 1% bovine serum albumin (BSA) and .01% sodium azide*.

(*-Sodium azide can react with lead or copper in drain lines to form explosive metal azides. Upon disposal, flush with large volume of water to prevent azide build-up in drain lines.)

Specificity:

34 β E12 is specified for "high molecular weight" cytokeratins #1, 5, 10 and 14, corresponding to molecular weights 68, 58, 56.5 and 50 kd, respectively, which are characteristically found in "complex" epithelium. The antibody reacts with all squamous and ductal epithelium as well as carcinomas such as squamous cell carcinoma and adenocarcinoma of ductal origin (e.g., breast, pancreas) but does not react with sarcoma, melanoma or lymphoma. This antibody reacts with benign small-acinar lesions of the prostate and has been shown to be usefull as an adjunct in the identification of prostate carcinoma.

Application:

This antibody can be used for staining of paraffin-embedded tissue sections fixed in neutral buffered formalin and is compatible with the most commonly used histological fixatives.

Storage and Stability:

Store vial at 4°C. When stored at 0-8°C, it is stable for 24 months. This Antibody Loses Activity Upon Freezing.

Limitations and Warranty:

Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. Norrin Laboratories is not liable for any property damage, personal injury, time or effort or economic loss caused by our products.