

Mouse Monoclonal anti-EGFR, Clone 31G7

60-0027; 60-0027-7 6 mL; 7 mL predilute Antibody, Ready-To-Use
61-0027; 61-0027-2; 61-0027-5 1 mL; 0.2 mL; 0.5 mL Concentrate Antibody
Isotype IgG1
Concentration See container label

Intended Use

Analyte Specific Reagent.

Analytical and performance characteristics are not established.

Description

EGFR, also known as erbB-1 or HER1, is a member of family of receptor tyrosine kinases. EGFR expression has been associated with cancer progression. EGFR is expressed in a wide range of normal epithelial tissues and in tumors derived thereof.

Reagent provided

This antibody is diluted in 10 mM Phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide (NaN_3) as antimicrobial agent.

Precautions

For professional users.

Proper handling of this product as with any product derived from biological sources according to local and applicable regulations.

Sodium azide is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of NaN_3 may react with lead and copper plumbing to form highly explosive metal azides. Flush the disposed reagent with large volume of water to prevent azide build-up.

Usage

Dilution

60-0027; 60-0027-7: Ready-To-Use

61-0027; 61-0027-2; 61-0027-5: Concentrate

Each lot is quality control tested by immunohistochemistry on selected formalin-fixed, paraffin-embedded breast carcinoma tissue sections and enzyme proteolytic pretreated using Genemed Cat No. 10-0026 Pepsin. In these tests, 60-0027 and 60-0027-7 are used as Ready-To-Use and 61-0027, 61-0027-2, and 61-0027-5 are used at a dilution of 1:50 – 1:100 for 30-60 minutes at room temperature, and Genemed Acu-Stain™ detection system is used. Membrane staining was graded under light microscope. Each user has to determine optimal dilution for their application.

Storage

Store at 2-8°C.

References

1. Cohen S, et al. J Biol Chem. 1982;257:1523
2. Ozane B, et al. J Pathol. 1986;149:191
3. Niikura H, et al. Human Pathol. 1996;27:282

Symbols



Catalog No.



Batch No.



Temperature Range



Use By

