

Mouse Monoclonal anti-Calretinin, Clone Z11-E3

60-0073; 60-0073-7
 Isotype IgG2b
 Concentration See container label

Intended Use For Research Use Only.
 This product is used to qualitatively detect Calretinin in normal and neoplastic formalin fixed paraffin embedded (FFPE) tissue sections in immunohistochemical detection methodology. Interpretation must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

Description Calretinin is a member of the superfamily of calcium-binding protein. It is abundantly expressed in central and peripheral neural tissues. Calretinin is expressed by both normal and neoplastic mesothelial cells and is a useful marker for the identification of malignant mesothelioma of the epithelial type and for the differentiation of these malignancies from metastases of lung adenocarcinoma.

Reagent provided This antibody is purified immunoglobulin diluted in 10 mM Phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide (NaN₃) 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 NaN₃ 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 60-0073; 60-0073-7: Ready-To-Use
 The antibody was titrated and optimized using Genemed Acu-Stain™ detection system.

Staining procedure Incubate this antibody with tissue section for 30-60 minutes at room temperature. Follow the instructions from the selected detection system.

Positive control tissue Mesothelioma

Epitope retrieval: HIER, Tris Buffer pH 9

Staining pattern Nuclear and Cytoplasmic

Storage Store at 2-8°C.


References

1. Barberis M, et al. Acta Cytol. 1997 Nov-Dec;41(6):1757-61.
2. Vogt P, et al. Pathol Res Pract. 1996 Feb;192 (2):137-47.
3. Cury P, et al. Mod Pathol. 2000 Feb;13 (2):107-12.

Symbols


 Catalog No.


 Batch No.


 Temperature Range


 Use By