

Calretinin (ZR415)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant human Calretinin (Calbindin 2) protein fragment (around aa23-242)
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: Calretinin (ZR415) Rabbit Monoclonal primary antibody detects Calretinin protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain Calretinin protein.

Localization: Cytoplasmic and nuclear.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: It recognizes a protein of about 29 kDa, which is identified as Calretinin (also known as Calbindin 2). Calretinin is a vitamin D-dependent calcium-binding protein involved in calcium signaling. It is present in subsets of neurons throughout the brain and spinal cord, including sensory ganglia. Antibody to calretinin engages with mesothelioma tissue of the lung and adrenal cortical neoplasms from pheochromocytomas.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Doglioni C, et al. Am J Surg Pathol. 1996; 20:1037-46.
2. Augusto D, et al. Appl Immunohistochem Mol Morphol. 2002; 10:159-62.
3. Ordóñez NG. Am J Surg Pathol. 2003; 27:1031-51.

REF Z2771RL/ Z2771RS/ Z2771RT/ Z2771RP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)

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RUO

(research
use only)

LOT

(lot number)

REF

(catalogue
number)



(expiry date)



(temperature
limit)



(consult
Instructions
for Use)