

Mouse anti-CALRETININ, clone MX027 (Monoclonal)

Clone no. MX027

MONOSAN

Product name	Mouse anti-CALRETININ, clone MX027 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:400-1:800)
Species reactivity	Human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG
Clonality	Monoclonal
Clone number	MX027
Size	1 ml
Concentration	n/a
Format	Concentrate
Storage buffer	Tissue culture supernatant containing 15mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Calretinin is a 29 kDa calcium-binding protein, member of the family of so-called EF-hand proteins, to which also the S-100 proteins belong. Calretinin is abundantly expressed in neurons. Outside the nervous system, calretinin is found in mesothelial cells, steroid producing cells (adrenal cortical cells, testicular Leydig cells, ovarian theca internal cells), testicular Sertoli cells, rete testis, ovarian surface epithelium, some neuroendocrine cells, breast glands, eccrine sweat glands, hair follicular cells, thymic epithelial cells, endometrial stromal cells and fat cells. In calretinin positive cells, the protein is generally found in both cytoplasm and nuclei.

Pre-treatment: Heat induced epitope retrieval in 10 mM citrate buffer pH6.0 for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections. Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended. Control tissue Brain tissue and mesothelioma. Staining cytoplasmic, nuclear.

References

1. Bachman L, Besendorfer M, Carbon R, et al. Histopathology, 2015; 66:824-835
2. Foda AA, El-Hawary AK, Hamed H. Pathol Oncol Res, 2016; 22:725-732.
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4. -
5. -

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