

Mouse anti-Mammaglobin Cocktail, clone 304-1A5&amp;31A5

Clone no. 304-1A5/31A5

MONOSAN

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Product name	Mouse anti-Mammaglobin Cocktail, clone 304-1A5&31A5
Host	Mouse
Applications	IHC-P (1:100-1:500)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1, IgG
Clonality	Monoclonal
Clone number	304-1A5/31A5
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% 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**

Mammaglobin is breast-associated glycoprotein distantly related to secretoglobin family that includes human uteroglobin and lipophilin. Anti-mammaglobin labels cytoplasm of normal breast epithelial cells as well as primary and metastatic breast carcinomas. Absence of mammaglobin expression is typically seen in prostate, kidney, colon, rectum, small intestine, stomach, pancreas, lung and thyroid tissue.<sup>2,5</sup> Mammaglobin may be used as part of an immunohistochemical panel for determination of metastatic breast carcinoma and tumor of unknown primary origin.

**References**

1. Fleming TP et al. Ann NY Acad Sci 2000;923:78-89
2. Bhargava R, et al. Am J Clin Pathol. 2007; 127:103-13
3. Wang Z, et al. Int J Clin Exp Pathol. 2009; 2:384-9
4. Han JH, et al. Arch Pathol Lab Med. 2003; 127:1330-4
5. Zafrakas M, et al. BMC Cancer. 2006; 6:88

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