

Mouse anti-Ep-CAM/Epithelial Specific Antigen, clone MOC31

Clone no. MOC31

MONOSAN Ready To Use

Product name	Mouse anti-Ep-CAM/Epithelial Specific Antigen, clone MOC31
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1-k
Clonality	Monoclonal
Clone number	MOC31
Size	7 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

Epithelial cell adhesion molecule (Ep-CAM) is a transmembrane glycoprotein localized on the membrane of cells in most epithelial tissues.¹ Immunoreactivity with the antibody to Ep-CAM has been seen in the majority of epithelial neoplasms, whereas most non-epithelial neoplasms do not show Ep-CAM expression.² Ep-CAM is not expressed in mesothelial cells, hepatocytes, and lymphocytes.^{1,2} In conjunction with other markers, Ep-CAM can be used as an aid in determining neoplasms of epithelial origin, such as distinguishing between lung adenocarcinoma and mesothelioma.

References

1. Schnell U, et al. Biochim Biophys Acta. 2013; 1828:1989-2001
2. Latza U, et al. J Clin Pathol. 1990; 43:213-19
3. Ordóñez NG. Am J Clin Pathol. 1998; 109:85-9
4. Ordóñez NG. Am J Surg Pathol. 2003; 27:1031-5
5. -

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