

## Mouse anti-Ep-CAM/Epithelial Specific Antigen, clone Ber-EP4 (Monoclonal)

Clone no. Ber-EP4

MONOSAN

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Product name	Mouse anti-Ep-CAM/Epithelial Specific Antigen, clone Ber-EP4 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:50-1:200)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1-k
Clonality	Monoclonal
Clone number	Ber-EP4
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**

Epithelial cell adhesion molecule (Ep-CAM) is a transmembrane glycoprotein localized on the membrane of cells in most epithelial tissues. Immunoreactivity with the antibody to Ep-CAM has been seen in the majority of epithelial neoplasms, whereas most non-epithelial neoplasms do not show EpCAM expression. Ep-CAM is not expressed in mesothelial cells, hepatocytes, and lymphocytes. 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; 27:1031-51
5. -

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