

Rabbit anti-Human P504s, clone 13H4

Clone no. 13H4

MONOSAN

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Product name	Rabbit anti-Human P504s, clone 13H4
Host	Rabbit
Applications	IHC-P (1:50-1:200)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG
Clonality	Monoclonal
Clone number	13H4
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**

Alpha-Methylacyl-CoA Racemase (also known as AMACR or P504s) is an essential enzyme in the  $\beta$ oxidation of branched-chain fatty acids. AMACR over-expression has been demonstrated in several cancers including colorectal, prostate, ovarian, breast, bladder, lung, and renal cell carcinomas, lymphoma, and melanoma. Staining with the antibody to this enzyme has been useful in identifying prostate carcinoma and prostatic intraepithelial neoplasia, as well as atypical adenomatous hyperplasia in formalin-fixed paraffinized tissue in morphologically difficult cases.

**References**

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2. Wu CL et al. Hum Pathol. 2004 Aug;35(8):1008-13
3. Evans AJ. J Clin Pthol. 2003 Dec;56(12):892-7
4. Beach R, Gown AM, et al. Am J Surg Pathol. 2002 Dec;26(12):1588-96
5. Jiang Z, Wu CL, et al. Am J Surg Pathol. 2002 Sep;26(9):1169-74

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