

Product datasheet

anti-p504s mouse monoclonal, IHC504, purified

Short overview

Cat. No.	691749
Quantity	1 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	IHC504
Immunogen	Recombinant Human p504s
Formulation	Tris pH 7.3-7.7 with 1% BSA and 0.09% sodium azide
UniprotID	Q9UHK6 (Human)
Synonym	Alpha-methylacyl-CoA racemase, EC 5.1.99.4, 2-methylacyl-CoA racemase, AMACR
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	IHC
Reactivity	Human

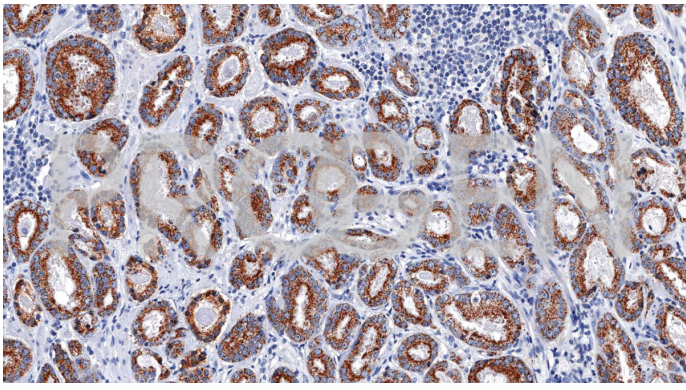
Applications

Immunohistochemistry (IHC) - paraffin 1:50-1:200 (microwave treatment recommended)

Background

p504s, also known as -Methylacyl Coenzyme A Racemase (AMACR), is an enzyme localized in the peroxisome and mitochondria that functions in -oxidation of branched chain fatty acids, as well as bile synthesis. AMACR has been clinically indicated as a tissue biomarker for prostate cancer and colorectal cancer, as well as high-grade prostatic intraepithelial neoplasia, a precursor lesion of prostate cancer. p504s overexpression has also been detected in a number of other cancers including ovarian, breast, bladder, lung, and renal cell carcinomas, lymphoma, and melanoma.

Product images



Prostate cancer