抗人间皮素参考抗体

Anti-Human Mesothelin Reference Antibody

货号：RB9T37015179

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码
RB9T37015179

中文名称
抗人间皮素参考抗体

英文名称
Anti-Human Mesothelin Reference Antibody

形态
Liquid

纯度
>95% purity as determined by SDS-PAGE.

内毒素水平
Please contact the lab for this information.

应用
ELISA, Bioactivity: FACS, Functional assay, Research in vivo

表达系统
Mammalian Cells

登录号
Q13421

宿主种属
Chimeric

克隆性
Monoclonal

抗体亚型
IgG1-kappa

纯化方式
Protein A/G purified from cell culture supernatant.

浓度
1.77mg/ml

种属反应性
Human

靶标

CAK1 antigen, Mesothelin, MSLN, Pre-pro-megakaryocyte-potentiating factor, MPF

背景信息

Amatuximab, alternative names: MORAb-009, anti-MSLN monoclonal antibody (MAb) is a chimeric, humanized IgG1/k MAb that targets the cell surface Mesothelin (MSLN). The precursor of MORAb-009 was isolated by Chowdhury et al in 1998 56 from a mouse splenic mRNA and was then optimized by fusing the gene encoding MSLN Fv (SS1 scFv) with human IgG1 and kappa regions. It was first designed to treat patients with mesothelin-positive cancers (pancreatic, ovarian, mesothelioma and lung). Amatuximab is not yet commercially available, and the highest development phase is Phase II. In addition, on 16 January 2014, orphan designation (EU/3/13/1222) was granted by the European Commission to Eisai Europe Limited, United Kingdom, for amatuximab for the treatment of malignant mesothelioma.

• Comparison of the diagnostic accuracy of the MSLN gene products, mesothelin and megakaryocyte potentiating factor, as biomarkers for mesothelioma in pleural effusions and serum., PMID:24167356
• Exon deletion in the MSLN gene encoding MPF/mesothelin precursor protein during Laurasiatherian mammal evolution., PMID:21132261
• Mesothelin, Calretinin, and Megakaryocyte Potentiating Factor as Biomarkers of Malignant Pleural Mesothelioma., PMID:31267149
• Serum mesothelin and megakaryocyte potentiating factor in pancreatic and biliary cancers., PMID:22149739
• Megakaryocyte potentiating factor as a tumor marker of malignant pleural mesothelioma: evaluation in comparison with mesothelin., PMID:18394747
• Diagnostic performance of soluble mesothelin and megakaryocyte potentiating factor in mesothelioma., PMID:20075387
• Soluble member(s) of the mesothelin/megakaryocyte potentiating factor family are detectable in sera from patients with ovarian carcinoma., PMID:10500211
• Asbestos-related disease: screening and diagnosis., PMID:22870590
• Megakaryocytic potentiating factor and mature mesothelin stimulate the growth of a lung cancer cell line in the peritoneal cavity of mice., PMID:25118887
• Exploiting mesothelin in thymic carcinoma as a drug delivery target for anetumab ravtansine., PMID:34876673

别名

MORAb-009, 931402-35-6

储存缓冲液

0.01M PBS, pH 7.4.

稳定性和储存

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4° C for short-term storage (1-2 weeks). Store at -20° C for up to 12 months. For long-term storage, store at -80° C.

For research use only. Not suitable for clinical or therapeutic use.