Batiraxcept（研究用级别）

Research Grade Batiraxcept

货号：RB9T37016002

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
RB9T37016002

中文名称
Batiraxcept（研究用级别）

英文名称
Research Grade Batiraxcept

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, Functional assay, Research in vivo

表达系统
Mammalian Cells

登录号
Q14393

抗体亚型
Fusion - [AXL (AXL receptor tyrosine kinase, ARK,

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

浓度
1mg/ml

种属反应性
Human

靶标

AXLLG, Growth arrest-specific protein 6, AXL receptor tyrosine kinase ligand, GAS6, GAS-6

背景信息

Batiraxcept (AVB-S6-500) is a highly potent and specific AXL inhibitor, a recombinant fusion protein dimer containing the extracellular domain of human AXLM and human immunoglobulin G1 heavy chain (Fc). Batiraxcept binds to GAS6 and inhibits the interaction of GAS6 with AXL, thereby substantially reducing AXL signaled invasion and migration of highly metastatic cells in vitro and inhibiting metastatic disease in nonclinical models of aggressive human cancers. Batiraxcept is available for studies in advanced or metastatic clear cell renal cell carcinoma (ccRCC) and platinum sensitive recurrent ovarian cancer.

• AXL receptor tyrosine kinase as a promising anti-cancer approach: functions, molecular mechanisms and clinical applications., PMID:31684958

• The GAS6-AXL signaling pathway triggers actin remodeling that drives membrane ruffling, macropinocytosis, and cancer-cell invasion., PMID:34244439

• GAS6 attenuates sepsis-induced cardiac dysfunction through NLRP3 inflammasome-dependent mechanism., PMID:37979891

• Gas6 and protein S. Vitamin K-dependent ligands for the Axl receptor tyrosine kinase subfamily., PMID:17064312

• Growth arrest-specific protein-6/AXL signaling induces preeclampsia in rats†., PMID:31347670

• Growth arrest-specific protein 6 (Gas6) attenuates inflammatory injury and apoptosis in iodine-induced NOD.H-2^{h4} mice., PMID:31129420

• A review on the role of GAS6 and GAS6-AS1 in the carcinogenesis., PMID:34481213

• Growth arrest-specific protein 6 (Gas6) as a noninvasive biomarker for early detection of diabetic nephropathy., PMID:28513288

• Gas6-Axl signal promotes indoor VOCs exposure-induced pulmonary fibrosis via pulmonary microvascular endothelial cells-fibroblasts cross-talk., PMID:38824778

• Growth Arrest-Specific 6 in Chromophobe Renal Cell Carcinoma., PMID:35760058

别名

AVB-500, AVB-S6-500, Aravive-S6, MYD1Fc, Ruga-S6, 2268717-61-7

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.