抗DNA:RNA杂交体抗体

Anti-DNA:RNA hybrid antibody - BSA and Azide free

货号: RB9A37032461

产品描述

中文名称	英文名称
重组Anti-DNA:RNA hybrid抗体 - BSA and Azide free	Anti-DNA:RNA hybrid antibody - BSA and Azide free
靶点符号	产品类型
DNA	一抗

关键信息

宿主种属	克隆
Mouse	Monoclonal
亚型	轻链类型
IgG2a	kappa
不含载体蛋白	应用
Yes	Dot IP

免疫原

The exact immunogen used to generate this antibody is proprietary information.

特异性

The S9.6 monoclonal recognizes DNA-RNA hybrids (also known as R-loops) and does not bind to single or double stranded DNA (PubMed IDs: 2422282, 16614443). The antibody has high affinity for DNA-RNA hybrids but also binds RNA-RNA hybrids that are AU-rich (PubMed ID: 23784994). The specificity of the antibody appears to be determined by a combination of sequence and structural dependency since R-loop sequence affects binding affinity (PubMed ID: 28594954). It is important to use controls such as RNase A treatment in light of the cross-reactivity with double stranded RNA. Please see our DNA-RNA-IP (DRIP) protocol for further information. We do not recommend using this antibody for imaging applications such as ICC-IF, IHC or Flow due to the cross-reactivity with double stranded RNA.

反应性数据

应用	应用代码	物种	验证状态	备注
Dot Blot	Dot	Nucleic Acid	已验证	-
Immunocytochemistry/ Immunofluorescence	ICCIF	Nucleic Acid	不推荐	-
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)	IHCP	Nucleic Acid	不推荐	-
Immunoprecipitation	IP	Nucleic Acid	已验证	DNA-RNA hybrid Immunoprecipitation.

储存与纯化

形式

Liquid

纯化工艺

Affinity purification Protein A

存储溶液	储存信息
pH: 7.2 - 7.4 Constituents: PBS	Do Not Freeze

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