

# Product Datasheet

## uPAR Antibody (R-4) - BSA Free NBP2-41379

Unit Size: 0.1 mg

Store at 4C in the dark.

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**NBP2-41379**

uPAR Antibody (R-4) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	R-4
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	10mM Phosphate (pH 7.4) and 0.14M NaCl

Product Description	
Host	Mouse
Gene ID	5329
Gene Symbol	PLAUR
Species	Human
Specificity/Sensitivity	Antibody is specific for human uPAR. No cross-reactivity is observed with murine uPAR, human uPA, human tPA or human PAI-1 when tested by ELISA and immunoblotting. MON R-4 reacts with domain 3 when tested by immunoprecipitation of proteolytic fragments of recombinant suPAR.
Immunogen	Native human uPAR

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, CyTOF-ready
Application Notes	Antibody can be used as detection antibody in ELISA. Antibody is suitable for Western blotting of non-reduced proteins. This antibody is CyTOF ready.

**Publications**

Zhu K, Mukherjee K, Wei C et al. The D2D3 form of uPAR acts as an immunotoxin and may cause diabetes and kidney disease Science translational medicine 2023-09-20 [PMID: 37729431]





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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