

# Product Datasheet

## TCR alpha/beta Antibody (R73) - BSA Free NBP2-12941

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP2-12941**

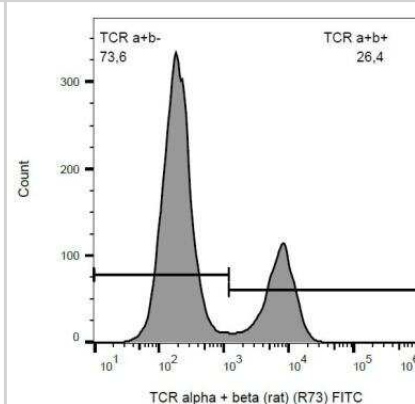
TCR alpha/beta Antibody (R73) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	R73
<b>Preservative</b>	0.9% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	6955
<b>Gene Symbol</b>	TRA
<b>Species</b>	Rat, Primate
<b>Reactivity Notes</b>	Non-Human Primates.
<b>Specificity/Sensitivity</b>	The mouse monoclonal R73 recognizes TCR alpha/beta, the dominant subtype of T cell receptor expressed in peripheral blood.
<b>Immunogen</b>	Rat T blasts and erythrocytes
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Flow Cytometry 1-12 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, CyTOF-ready
<b>Application Notes</b>	This antibody is Cytof ready.

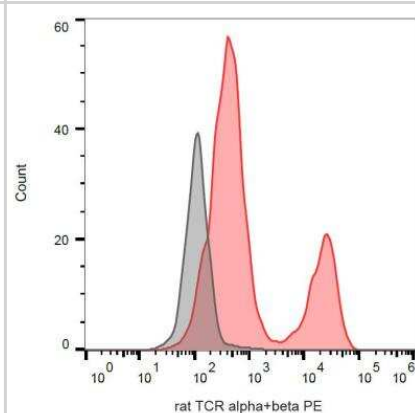


## Images

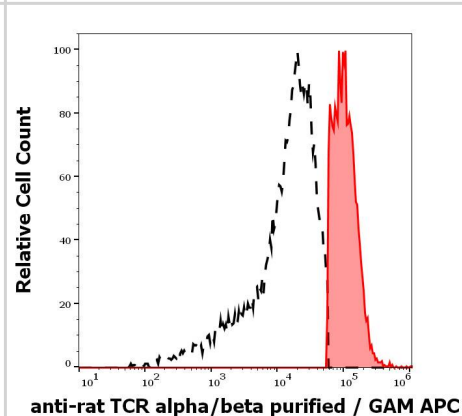
Flow Cytometry: TCR alpha/beta Antibody (R73) [NBP2-12941] - Rat splenocytes with anti-rat TCR alpha/beta (R73) FITC.



Flow Cytometry: TCR alpha/beta Antibody (R73) [NBP2-12941] - Rat thymocytes with anti-rat TCR alpha/beta (R73) PE.



Surface staining pattern of rat thymocyte suspension stained using anti-rat TCR alpha/beta (R73) purified antibody (concentration in sample 1.6 ug/ml) GAM APC.



## Publications

Khaldoyanidi S, Schnabel D, Fohr N, Zoller M. Functional activity of CD44 isoforms in haemopoiesis of the rat. *Br J Haematol.* [PMID: 9012685] (FLOW, Rat)

Hancock WW, Khoury SJ, Carpenter CB, Sayegh MH. Differential effects of oral versus intrathymic administration of polymorphic major histocompatibility complex class II peptides on mononuclear and endothelial cell activation and cytokine expression during a delayed-type hypersensitivity response. *Am J Pathol.* [PMID: 8203456] (IHC-Fr, Rat)



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### **Products Related to NBP2-12941**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-12941APC	TCR alpha/beta Antibody (R73) [Allophycocyanin]

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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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