

## Mouse anti-Rat T-cell Receptor, clone R73-2b (Monoclonal)

Clone no. R73-2b

MONOSAN

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Product name	Mouse anti-Rat T-cell Receptor, clone R73-2b (Monoclonal)
Host	Mouse
Applications	IHC-fr, FC
Species reactivity	Rat
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG2b
Clonality	Monoclonal
Clone number	R73-2b
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Culture supernatant with 0.05% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

The R73-2b monoclonal antibody binds to an epitope of the constant region of the rat  $\alpha\beta$ -T cell receptor and is able to activate rat T cells (Beun et al., 1993). The reactivity of R73-2b monoclonal antibody is rat strain-independent. R73-coated culture flasks induce rat T cell proliferation (Beun et al., 1993). This monoclonal antibody is an IgG2b isotype switch variant (Beun et al., 1993) of the well-known R73 IgG1 monoclonal antibody that is specific for the rat  $\alpha\beta$ -T cell receptor (Hünig et al. 1989).

**References**

1. Beun GD et al. J ImmunoTher;13:223-231
2. Hunig et al. J Exp Med;169:73-86
3. -
4. -
5. -

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