

Mouse anti-Beta-2 microglobulin, clone EBS-O-109 (Monoclonal)

Clone no. EBS-O-109

MONOSAN

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Product name	Mouse anti-Beta-2 microglobulin, clone EBS-O-109 (Monoclonal)
Host	Mouse
Applications	ELISA, FC, IHC-fr
Species reactivity	human
Conjugate	-
Immunogen	human PBL from a T-ALL patient
Isotype	IgG2a-K
Clonality	Monoclonal
Clone number	EBS-O-109
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% 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**

EBS-O-109 reacts with human  $\beta$ -2 microglobulin, a 22 kDa protein, which associates noncovalently with the 44kDa  $\alpha$ 1-chain of the HLA Class I complex found on all nucleated cells and on platelets. There is no reaction with erythrocytes, neither with non-human primate cells. The detection of  $\beta$ -2 microglobulin in body fluids has been used as a tumor marker, renal failure marker and for monitoring patients with HIV infection.

**References**

1. Brodsky FM et al, Immunol Rev 47: 3-61 (1979)
2. Ryschich, E, et al, Clin Cancer Res. 11(2 Pt 1): 498-504 (2005)
3. Cosgrove LJ, et al, Immunol. Cell Biol. 66 (1): 69-77 (1988)
4. Betts RL, et al. Monoclonal hybridoma antibodies: Techniques and applications
5. -

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