

Mouse anti CD14, clone BS9 (Monoclonal)

Clone no.      BS9

MONOSAN

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Product name	Mouse anti CD14, clone BS9 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:100-1:400), IHC-fr
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	BS9
Size	1 ml
Concentration	n/a
Format	Concentrate
Storage buffer	Tris Buffer, pH 7.2 with 0.03% 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**

CD14 antigen is a GPI-linked glycoprotein with a molecular weight of 55kD. The CD14 antigen is expressed on cells of the myelomonocytic lineage including monocytes, macrophages and Langerhans cells. Low expression is observed on neutrophils and on human B cells. CD14 antigen is a receptor for bacterial lipopolysaccharide (LPS, endotoxin) and the lipopolysaccharide binding protein (LBP). LBP and CD14 antigen serves two physiological roles. These proteins act as opsonin and opsonic receptor, respectively, to promote the phagocytic uptake of bacteria or LPScoated particles by macrophages.

**References**

1. -
2. -
3. -
4. -
5. -

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