



**Mouse (monoclonal)
Anti-Human Interleukin-6 receptor
(gp80)
(non-neutralizing)**

PRODUCT ANALYSIS SHEET

Catalog Number:	AHR0961
Lot Number:	See product label
Expiration Date:	See product label
Clone:	B-N12
Quantity/Volume:	100 µg/100 µL
Form of the Antibody:	Purified immunoglobulin in PBS. Preservative-free and carrier-free..
Purification:	Purified from serum-free tissue culture supernatant by ion exchange chromatography.
Myeloma/Fusion Partner:	BALB/c (IFFa Credo)/x63/AG.8653
Immunogen:	CHO cells transfected with cDNA produced from the gp80 IL-6 receptor mRNA.
Specificity:	Specifically recognizes soluble and membrane bound human IL-6 receptor gp80. This antibody binds to the IL-6 receptor in the presence of IL-6. This antibody was studied at the Fifth Leucocyte Typing Workshop.
KD:	1.22 nM
Isotype:	IgG ₁
Applications/Activity:	Non-neutralizing in a XG-1 cell proliferation assay. This antibody is suitable for use in flow cytometry and immunocytochemistry. This antibody is also suitable for use in ELISA as a capture antibody at a recommended concentration of 1 µg/mL, with antibody from clone B-R6 (catalog numbers AHR0061 and AHR0063) used as the detection antibody. The optimal concentration should be determined for each specific application.
Dilutions:	Further dilutions should be made in assay medium or PBS with 1.0-0.1% BSA.
Storage:	Store at 2-8°C.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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PI AHR0961

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References:

Clement, C. et al. (1993) An anti-gp80 mAb to study the interaction between complex IL-6/gp80 and gp130. *In Leucocyte Typing V*, Boston. pp. 1894-1895

Yamasaki, K. et al. (1988) Cloning and expression of the human interleukin-6 (BSF-2/IFN β 2) receptor. *Science* 241:825-828.














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Hayashida, K. et al. (1990) Molecular cloning of a second subunit of the receptor for human granulocyte-macrophage colony stimulating factor (GM-CSF): Reconstitution of a high-affinity GM-CSF receptor. *Proc. Nat'l. Acad. Sci. USA* 87:9655.

Novick, D. et al. (1990) Purification of soluble cytokine receptors from normal human urine by ligand-affinity and immunoaffinity chromatography. *J. Chromatography* 510:331.

Honda, M. et al. (1992) Human soluble IL-6 receptor: Its detection and enhanced release by HIV infection. *J. Immunology* 148: 2175-2180.

Explanation of symbols

Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		<i>In vitro</i> diagnostic medical device
	Use by		Temperature limitation
	Manufacturer		European Community authorised representative
	Without, does not contain		With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

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