

## CD164 Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P77888
Synonyms:	MUC-24; Endolyn; MGC-24; Cd164; CD164; MGC-24v; sialomucin
Species:	Mouse
Source:	HEK293
Accession:	Q9R0L9 (Q24-D162)
Gene ID:	53599
Molecular Weight:	70-115 kDa

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	CD164 protein, a sialomucin, potentially plays a significant role in hematopoiesis and is implicated in cell adhesion. It is known to promote myogenesis by enhancing CXCR4-dependent cell motility and positively regulates myoblast migration, facilitating the fusion of myoblasts into myotubes. CD164 protein also interacts with CXCR4, further highlighting its involvement in cellular processes related to muscle development and function.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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