



Mouse anti-Human CD164 monoclonal antibody, clone 5C5 (CABT-B9915)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Immunogen | CD164 (AAH11522, 1 a.a. ~ 115 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Isotype | IgG2b |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Clone | 5C5 |
| Conjugate | Unconjugated |
| Applications | WB, ELISA |
| Sequence Similarities | MSRLSRSLLWAATCLGVLCVLSADKNTTQHPNVTTLAPISNVTAPVTSLPLVTPAPET CEGRNCSVSCFNVSVVNTTCFWIECKDESCKSHNSTVSDCQVGNTTDFCSVSTAT |
| Format | Liquid |
| Size | 100 µg |
| Buffer | In 1x PBS, pH 7.2 |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

BACKGROUND

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| Introduction | Sialomucins are a heterogeneous group of secreted or membrane-associated mucins that appear to play 2 key but opposing roles in vivo: first as cytoprotective or antiadhesive agents, |
|---------------------|---|

and second as adhesion receptors. CD164 is a type I integral transmembrane sialomucin that functions as an adhesion receptor (Watt et al., 1998 [PubMed 9680353]; Forde et al., 2007 [PubMed 17077324]).[supplied by OMIM, Aug 2008]

Keywords CD164; CD164 molecule, sialomucin; MGC-24; MUC-24; endolyn; sialomucin core protein 24; MGC-24v; CD164 variant C; CD164 antigen, sialomucin; multi-glycosylated core protein 24;

GENE INFORMATION

Entrez Gene ID [8763](#)

UniProt ID [Q04900](#)

Pathway Lysosome, organism-specific biosystem; Lysosome, conserved biosystem

Function protein binding