

Anti-human blood group Bantigen [Q6]

Catalogue number: 160674

Sub-type:

Images:

Contributor

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Institute: Jagiellonian University

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-human blood group Bantigen [Q6]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: From Klaus et al. Sci Rep. 2016 Aug 3;6:30938. Mouse immunoglobulins M (IgMs) that recognize human blood group antigens induce haemagglutination and are used worldwide for diagnostic blood typing. Contrary to the current belief that IgGs are too small to simultaneously bind antigens on two different erythrocytes, we obtained agglutinating mouse IgG3 that recognized antigen B of the human ABO blood group system.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgM

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Human red blood cells

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Human blood group B antigen

Target alternate names:

Target background: From Klaus et al. Sci Rep. 2016 Aug 3;6:30938. Mouse immunoglobulins M (IgMs) that recognize human blood group antigens induce haemagglutination and are used worldwide for diagnostic blood typing. Contrary to the current belief that IgGs are too small to simultaneously bind antigens on two different erythrocytes, we obtained agglutinating mouse IgG3 that recognized antigen B of the human ABO blood group system.

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Klaus et al. 2018. Sci Rep. 8(1):519. PMID: 29323348. ; Klaus et al. 2016. Sci Rep. 6:30938. PMID: 27484487.

CancerTools.org