

## Product datasheet

# Anti-Blood Group H2 antigen antibody [BRIC231] ab33404

## 2 References

### 製品の概要

製品名	Anti-Blood Group H2 antigen antibody [BRIC231]
製品の詳細	Mouse monoclonal [BRIC231] to Blood Group H2 antigen
由来種	Mouse
アプリケーション	<b>適用あり:</b> Agglutination, Flow Cyt
種交差性	<b>交差種:</b> Human
免疫原	Tissue/ cell preparation (Human) -HEL cell line.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	Preservative: 0.09% Sodium Azide Constituents: Tris buffered glycine. pH 7.4
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	BRIC231
アイソタイプ	IgG1

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab33404** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
Agglutination		Use at an assay dependent concentration.
Flow Cyt		Use 10µl for 10 <sup>6</sup> cells. <a href="#">ab170190</a> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## ターゲット情報

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機能	This protein is the basis of the ABO blood group system. The histo-blood group ABO involves three carbohydrate antigens: A, B, and H. A, B, and AB individuals express a glycosyltransferase activity that converts the H antigen to the A antigen (by addition of UDP-GalNAc) or to the B antigen (by addition of UDP-Gal), whereas O individuals lack such activity.
パスウェイ	Protein modification; protein glycosylation.
配列類似性	Belongs to the glycosyltransferase 6 family.
ドメイン	The conserved DXD motif is involved in cofactor binding. The manganese ion interacts with the beta-phosphate group of UDP and may also have a role in catalysis.
翻訳後修飾	The soluble form derives from the membrane form by proteolytic processing.
細胞内局在	Golgi apparatus > Golgi stack membrane. Secreted. Membrane-bound form in trans cisternae of Golgi. Secreted into the body fluid.

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