

## Mouse Monoclonal Antibody to B3GAT1

<b>Catalogue Number</b>	sAP-1391
<b>Target Molecule</b>	<b>Name: B3GAT1</b> <b>Aliases:</b> NK1; CD57; HNK1; LEU7; NK-1; GLCATP; GLCUATP <b>MW: 38.2kDa</b> <b>Entrez Gene ID: 27087</b>
<b>Description</b>	The protein encoded by this gene is a member of the glucuronyltransferase gene family. These enzymes exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product functions as the key enzyme in a glucuronyl transfer reaction during the biosynthesis of the carbohydrate epitope HNK-1 (human natural killer-1, also known as CD57 and LEU7). Alternate transcriptional splice variants have been characterized.;
<b>Immunogen</b>	Purified recombinant fragment of human B3GAT1 (AA: 193-334) expressed in E. Coli.
<b>Recombinant Species</b>	Human;
<b>Clone</b>	MM3B8B10;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Biomed Res Int. 2014;2014:356427. ; 2.PLoS One. 2013;8(2):e52144.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**