Product Datasheet

Low Endotoxin Purified Anti-Mouse CD45.2 Antibody [104.2]
Catalogue Code: AGEL1512

Antibody Data

Product SKU:	**AGEL1512**	**Clone:**	**104.2**
Applications:	**FCM;Block**		
Reactivity:	**Mouse**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names:	Ly-5.2; LCA;
Uniprot ID:	-
Background:	CD45.2 is an alloantigen of CD45, expressed by Ly5.2 bearing mouse strains (e.g., A, AKR, BALB/c, CBA/Ca, CBA/J, C3H/He, C57BL, C57BR, C57L, C58, DBA/1, DBA/2, NZB, SWR, 129). CD45, a member of the protein tyrosine phosphatase (PTP) family, is a 180-240 kD glycoprotein expressed on all hematopoietic cells except mature erythrocytes and platelets. There are multiple isoforms in the mouse that play key roles in TCR and BCR signal transduction. These isoforms are very specific to the activation and maturation states of the cell as well as specific cell type. The primary ligands for CD45 are galectin-1, CD2, CD3, CD4, TCR, CD22, and Thy-1.
Form:	Liquid
Conjugation:	None (AF/LE)
Size:	50µg, 500µg, 1mg
Host Species:	Mouse
Isotype:	Mouse IgG2a, κ
Isotype Control:	AF/LE Purified Mouse IgG2a, κ Isotype Control[C1.18.4] [Product AGEL1512]
Storage Buffer:	0.2 µm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.
Shipping:	Biological ice pack at 4℃

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 0.25 µg per 106 cells in 100 µL volume or 100 µL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.