PHA-L4 – Red Kidney Bean Lectin L4

Catalog Number:	MGC-J112
Package:	5 mg
Form:	Lyophilized powder (salt-free)
Storage:	Store at 2–8°C (Stable for 1 year at 4°C)
Specifications	Agglutination activity: > 333 μg protein/mL (rabbit erythrocytes, 2% v/v) Purity: 1 major peak (ion exchange chromatography)
Handling Instructions	 Add buffer to lectin and adjust the concentration to 1–2 mg/mL. Refer to LECTIN&GLYCOANALYSIS NEWS for suitable buffers. Avoid vigorous stirring, as it may cause precipitation. Allow it to dissolve naturally. Dilute to appropriate concentration with buffer immediately before use. After dissolving, aliquot and store frozen at -20°C. Do not subject to repeated freeze-thaw cycles.
Cautions	 Always check the label for important handling information. Ensure the product is secured to prevent tipping or dropping. Be cautious when opening the container to avoid injury. Avoid direct contact with the reagent. Wear safety goggles, gloves, and a mask. In case of contact with eyes, mouth, or skin, rinse immediately with plenty of water and seek medical advice if necessary. Dispose of waste in accordance with relevant laws and regulations. This product is for research use only. Do not use for pharmaceutical or other purposes.
Origin	Red kidney bean (Phaseolus vulgaris)
Sugar Specificity	D-GalNAc
Mitogenic Activity	Present
Blood Group Specificity	Non-specific
Structure	A glycoprotein with a molecular weight of 126,000 [Refs: 5, 6]. Red kidney beans contain five types of tetrameric lectins composed of non-covalently bound E and/or L subunits (E4, E3L1, E2L2, E1L3, L4)

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References

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