Native Red kidney bean seeds Phaseolus vulgaris Lectin (PHA-E), Macrobeads-Conjugated

Cat. No. PHA-E-403R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Red kidney bean seeds Phaseolus vulgaris Lectin (PHA-E) - Macrobeads Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galβ4GlcNAcα2Manα6 (GlcNAcβ4) (GlcNAcβ4Manα3) Manβ4 Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Red kidney bean seeds
Source	Red kidney bean seeds
Description	Affinity purified Phaseolus vulgaris lectin (PHA-E) is tetrameric glycoprotein and responsible for the erythroagglutinating properties of the PHA fraction. It has a carbohydrate specificity towards oligosaccharides and elutes with bovine thyroglobulin or acetic acid. PHA-E will bind to both human erythrocytes and lymphocytes, with a specificity towards blood group A (-SA). There are five times more PHA-E receptors on normal human lymphocytes than there are on erythrocytes. PHA-E binds di-galactosylated and bisected N-glycan. This lectin is widely used as a biochemical tool for detecting bisecting GlcNAc- and Gal-bearing glycoproteins. Separopore® macrobeads are larger size (160-250 micron) than average agarose beads that facilitate coupling of cells and organelles and enzymes. Affinity-purified Phaseolus vulgaris (Kidney bean) Lectin (PHA-E) was immobilized on 4% agarose macrobeads with proper configuration and stability of the lectin.

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Form	Liquid
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.

GENE INFORMATION

Official Symbol	PHA-E
Synonyms	Phaseolus vulgaris Lectin; PHA-E)

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