Native Gorse Ulex europaeus Lectin (UEA II), AP-Conjugated

Cat. No. UEA II-042G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Gorse Ulex europaeus Lectin (UEA II) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Oligomers of β(1,4) - linked N-Acetylglucosamine Inhibiting or Eluting Sugar: GlcNAc β(1,4) GlcNAc Divalent Ions: Ca++, Mn++, Zn++ Hazardous Shipping: Non-hazardous
Species	Gorse
Source	Gorse
Description	Alkaline phosphatase (AP) is conjugated to Ulex europaeus Lectin (UEA II) to show the binding of UEA II in many applications including Western blotting and ELISA. Alkaline phosphatase is a large protein (140 kDa) that catalyzes the hydrolysis of phosphate groups from a substrate resulting in a colored or fluorescent product. The optimal enzymatic activity of this protein is between pH 8 and 10, and its reaction rate remains linear, improving sensitivity over time.
Form	Liquid
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	1 mg/mL

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GENE INFORMATION

Official Symbol	UEA II
Synonyms	Ulex europaeus Lectin; UEA II

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