

## CD45 Human

**Description:**CD45 Human Recombinant (aa 1102-1150) expressed in E.coli, shows a 33 kDa band on SDS-PAGE (Including GST). The CD45 is purified by proprietary chromatographic techniques.

**Catalog #:**PRPS-489

For research use only.

**Synonyms:**Leukocyte common antigen, EC 3.1.3.48, L-CA, T200, CD45 antigen, PTPRC, LCA, LY5, B220, CD45, GP180.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered clear solution.

**Formulation:**

CD45 at 100

**Stability:**

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.Please prevent freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Applications:**

ELISA. Inhibition Assays. Western Blotting.

**Introduction:**

CD45 leukocyte common antigen (LCA) belongs to the family of at least four isoforms of membrane glycoproteins (220, 205, 190, 180kDa) expressed on hematopoietic cell lines but absent on non-hematopoietic cell lines, normal and malignant non-hematopoietic tissues. The intracellular portion of these molecules has protein phosphatase activity and is involved in regulation of transmembrane signals.

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