PRODUCT INFORMATION

Target	CD43
Synonyms	CD43;GALGP;GPL115;LSN
Description	Recombinant Human CD43 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P16150
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	CD43(Ser20-Arg253) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 49.6 kDa after removal of the signal peptide.The apparent molecular mass of CD43-hFc is approximately 55-130 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes a highly sialylated glycoprotein that functions in antigen-specific activation of T cells, and is found on the surface of thymocytes, T lymphocytes, monocytes, granulocytes, and some B lymphocytes. It contains a mucin-like extracellular domain, a transmembrane region and a carboxy-terminal intracellular region. The extracellular domain has a high proportion of serine and threonine residues, allowing extensive O-glycosylation, and has one potential N-glycosylation site, while the carboxy-terminal region has potential phosphorylation sites that may mediate transduction of activation signals. Different glycoforms of this protein have been described. In stimulated immune cells, proteolytic cleavage of the extracellular domain occurs in some cell types, releasing a soluble extracellular fragment. Defects in expression of this gene are associated with Wiskott-Aldrich syndrome. [provided by RefSeq, Sep 2017]
Usage	Research use only
Conjugate	Unconjugated

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Figure 1. Human CD43 Protein, hFc Tag on SDS-PAGE under reducing condition.

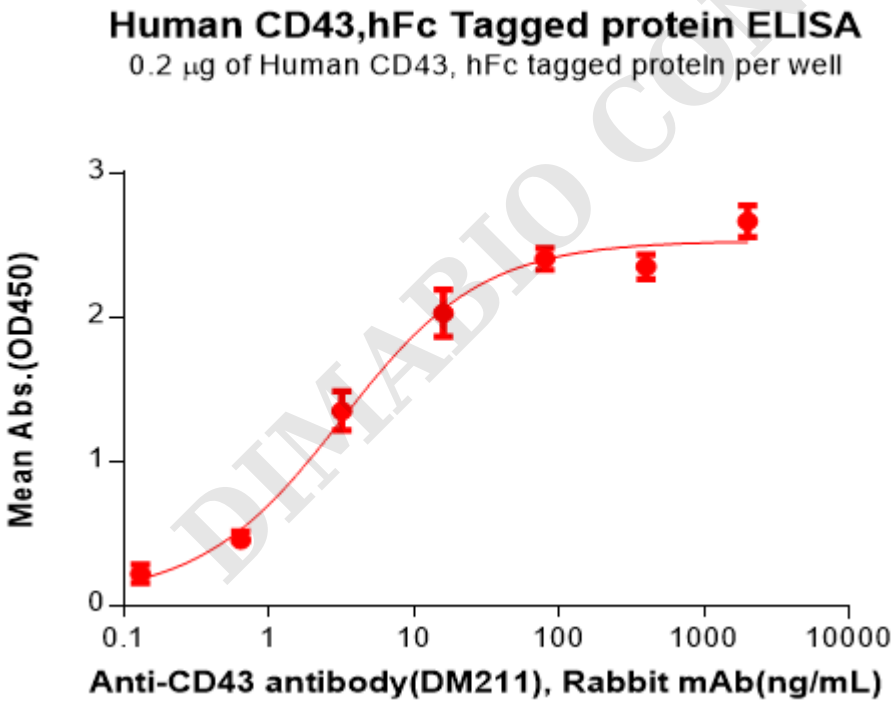


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human CD43 Protein, hFc Tag(PME101085) can bind Anti-CD43 antibody(DM211), Rabbit mAb in a linear range of 0.64–16 ng/mL.

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