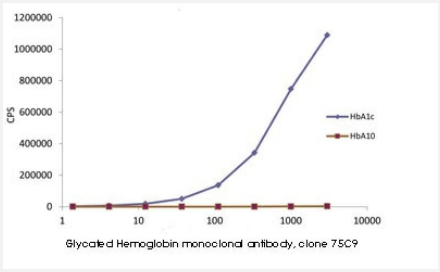
Glycated Hemoglobin monoclonal antibody, clone 75C9

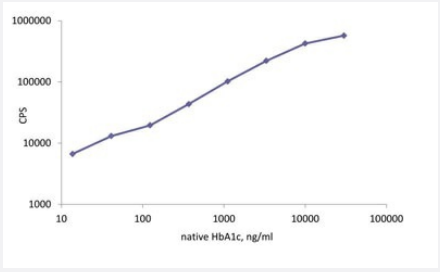
Catalog # MAB23139 Size 1 mg

Applications



Enzyme-linked Immunoabsorbent Assay

Specificity of Glycated Hemoglobin monoclonal antibody, clone 75C9 (Cat # MAB23139) interaction with HbA1c checked by direct ELISA: Native HbA1c or $HbA1_0$ were used as a coating (100 ng/well), Glycated Hemoglobin monoclonal antibody, clone 75C9 (Cat # MAB23139) was labeled with stable Eu^{3+} chelate and served as detection, whereas Glycated Hemoglobin monoclonal antibody, clone 75C9 (Cat # MAB23139) detects only HbA1c.



Sandwich ELISA

The sandwich fluoroimmunoassay of Glycated Hemoglobin monoclonal antibody, clone 75C9 (Cat # MAB23139) and Hemoglobin monoclonal antibody, clone Hb6 (Cat # MAB23140): Hemoglobin monoclonal antibody, clone Hb6 (Cat # MAB23140) was used as a coating (1 ug/well), Glycated Hemoglobin monoclonal antibody, clone 75C9 (Cat # MAB23139) was labeled with stable Eu^{3+} chelate and served as detection (0.4 ug/well), native HbA1c was utilized as an antigen. MAb pair Hb6-75C9 was shown to detect specifically native glycated hemoglobin HbA1c.

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of glycated hemoglobin.
Immunogen	A synthetic peptide corresponding to the N-terminal end of beta-globin.
Host	Mouse
Reactivity	Human
Specificity	Native human HbA1c, does not cross-react with non-glycated hemoglobin.

Form	Liquid
Preparation Method	This antibody is produced from a hybridoma have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with glycated (in vitro) synthetic peptide correspondi ng to the N-terminal end of beta-globin.
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	Enzyme-linked Immunoabsorbent Assay Enzyme Immunoassay Sandwich ELISA (Hemoglobin monoclonal antibody, clone Hb6 (Cat # MAB23140) works as capture antibody in plate sandwich immunoassay together with Glycated Hemoglobin monoclonal antibody, cl one 75C9 (Cat # MAB23139) as detection antibody.). The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide).
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

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- Enzyme Immunoassay