



Human IgG1 Isotype Control [SN38] (DMABB-JX326)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product is a control ADC for any IgG type antibody labeled with SN38. It has an average of 4 SN38 loaded on each antibody and can be used for accessing the effect of SN38 alone (non-specific toxicity). The product uses a very low endotoxin level antibody as a starting material (≤ 0.5 EU/mg by the LAL method). The preparation and purification are conducted under a pyrogen free environment. The final product is assayed for endotoxin to make sure it is suitable for cell culture and animal studies. The loading is confirmed by various methods including UV and difference MALDI-TOF MS.
Specificity	The product uses a human IgG1 subtype antibody that does not bind to the target.
Immunogen	HEL (Hen Egg Lysozyme)
Isotype	IgG1, κ
Source/Host	Human
Species Reactivity	Chicken
Purification	Affinity purified
Conjugate	SN38
Applications	ELISA, FC, IF, IHC, in vivo, IP, WB Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Lyophilized
Size	100 μ g, 500 μ g, 1 mg

Buffer	Lyophilized from phosphate buffered saline containing sugar-based stabilizer.
Storage	Store at -20°C, avoiding freeze/thaw cycles.

GENE INFORMATION

Synonyms	Ig gamma 1 chain C region; Immunoglobulin heavy constant gamma 1; Immunoglobulin G; IgG; IgG heavy chain; Immunoglobulin G heavy chain; IGHG1; IGHG2; IGHG3; IGHG4;
Chromosome Location	14q32.33
Pathway	IL4-mediated signaling events;
Function	antigen binding; protein binding;