

Mouse IgG3 Isotype Control (PPV-07), DyLight™ 488

Product Details

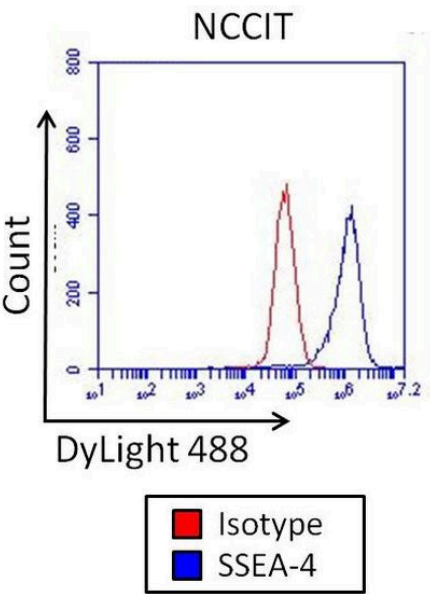
Size	100 µg
Host/Isotype	Mouse / IgG3
Class	Control
Type	Isotype Control
Clone	PPV-07
Conjugate	DyLight™ 488
Excitation/Emission Max	492/519 nm
Form	Liquid
Concentration	0.1 mg/mL
Purification	Size-exclusion chromatography
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	15mM sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_2536894

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (Paraffin) (IHC (P))	Assay-dependent	-
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
Immunocytochemistry (ICC/IF)	Assay-dependent	-
Flow Cytometry (Flow)	Assay-dependent	-
Control (Ctrl)	Assay-dependent	-

Product Specific Information

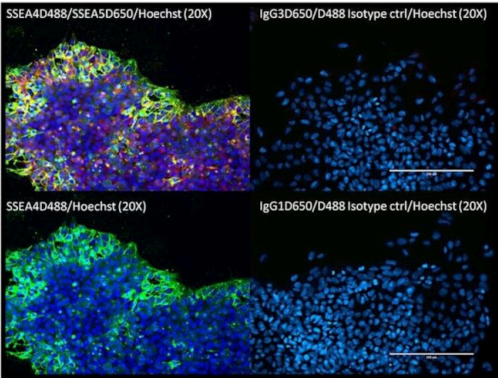
MA1-190-D488 can be used as a negative control in any immunoassay where a DyLight 488-conjugated primary antibody of the mouse IgG3 isotype is used. DyLight 488 has an excitation/emission of 493/518nm.

Product Images For Mouse IgG3 Isotype Control (PPV-07), DyLight™ 488



Mouse IgG3 Isotype Control (MA1-190-D488) in Flow

Flow cytometry analysis of SSEA-4 on HeLa human embryonal carcinoma NCCIT cells. Cells were fixed, permeabilized, and stained with a DyLight 488-conjugated SSEA-4 monoclonal antibody (Product # MA1-021-D488, blue histogram) or a DyLight 488-conjugated mouse IgG3 isotype control (Product # MA1-190-D488, red histogram), at a concentration of 10 µg/mL. A representative 10,000 cells were acquired for each sample.

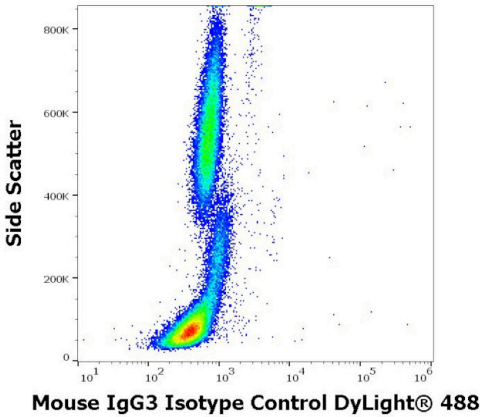


Mouse IgG3 Isotype Control (MA1-190-D488) in ICC/IF

Imunofluorescent analysis of SSEA4 (green) in human episomal iPSC cells. Cells were grown on vitronectin coated plates, fixed with 4% paraformaldehyde for 15 minutes, and blocked with 3% Blocker BSA (Product # 37525) for 30 minutes at room temperature. Cells were stained with DyLight 488-conjugated SSEA4 monoclonal antibody (left panels, Product # MA1-021-D488) or DyLight 488-conjugated Mouse IgG3 isotype control antibody (top right panel, Product # MA1-190-D488), at a dilution of 1:50 and incubated for 1 hour at room temperature. Nuclei (blue) were stained with Hoechst 33342 dye (Product # 62249). Images were taken on an EVOS FL Imaging system at 20X magnification.

Mouse IgG3 Isotype Control (MA1-190-D488) in Flow

Flow cytometry surface nonspecific staining pattern of human peripheral whole blood stained using mouse IgG3 Isotype control (PPV-07) DyLight® 488 antibody (Product # MA1-190-D488) (concentration in sample 3 µg/mL).



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