

HuProt™ V4.0 中的对照点  
HuProt™ V4.0 Control Spots

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对照点 Control	用途 Function
H1 - Histone H1 H2 (A+B) - Histone H2A and H2B mixture H3 - Histone H3 H4 - Histone H4	组蛋白是非特异性结合蛋白，在多种测试方法中用作阳性对照，包括血清分析、抗体特异性测定、蛋白质、DNA 和 RNA 的结合测定等。 The histones are non-specific binding proteins used as positive controls for various assays, including serum profiling, antibody specificity assay, protein, DNA, RNA binding assays, etc.
IgG488/594	Alexa Fluor 488/594 标记的 IgG，作为在 488/594 通道中进行荧光检测的阳性对照和标志物。 Alexa Fluor 488/594 labeled IgG, positive control and landmarks for fluorescent detection in 488/594 channels.
Rhodamine + IgG 647	罗丹明+ Alexa Fluor 647 标记的 IgG，作为在 532/635 通道进行荧光检测的阳性对照和标志物。 Rhodamine + Alexa Fluor 647 labeled IgG, positive control and landmarks for fluorescent detection in 532/635 channels.
Anti-human IgA	人血清/血浆 IgA 分析的阳性对照。 A positive control for human serum/plasma IgA profiling.
Mouse-anti-biotin	检测生物素标记的蛋白质探针，并在抗小鼠抗体检测试剂中用作对照。 Detects biotin labeled protein probes and serves as a control for anti-mouse antibody detection reagent.

Rabbit-anti-biotin	检测生物素标记的蛋白质探针，并在抗兔抗体检测试剂中用作对照。 Detects biotin labeled protein probes and serves as a control for anti-rabbit antibody detection reagent.
BSA - Bovine serum albumin	蛋白质非特异性相互作用的阴性对照。 A negative control for non-specific protein interactions.
Biotin-BSA - biotinylated BSA	与链霉亲和素标记的检测试剂相互作用的阳性对照。 A positive control for interaction with streptavidinlabeled detection reagent.
Mouse IgM	用于抗小鼠 IgM 检测的阳性对照。 Positive control for anti-mouse IgM detection.
RanBP2deltaFG	E3 SUMO 蛋白连接酶，SUMOylation 分析的阳性对照。 E3 SUMO-Protein Ligase, a positive control for the SUMOylation assay.
hMDM2	E3 泛素蛋白连接酶，泛素化测定的阳性对照。 E3 Ubiquitin Protein Ligase, a positive control for the ubiquitylation assay.
ER $\alpha$	雌激素受体 $\alpha$ ，配体结合测定的阳性对照。 Estrogen receptor alpha. A positive control for ligandbinding assays.
Human IgM	人血清/血浆 IgM 分析的阳性对照。 A positive control for human serum/plasma IgM profiling.

Human IgG 1.5625 ng/μl Human IgG 6.25 ng/μl Human IgG 25 ng/μl Human IgG 100 ng/μl	人 IgG 梯度作为人血清/血浆 IgG 分析的阳性对照，用于数据分析中 Robust-Linear-Model 方法的归一化。 The human IgG gradient serves as a positive control for human serum/plasma IgG profiling, and is used for Robust-Linear-Model Normalization in data analysis.
Anti-Human IgG 1.5625 ng/μl Anti-Human IgG 6.25 ng/μl Anti-Human IgG 25 ng/μl Anti-Human IgG 100 ng/μl	抗人 IgG 梯度作为控制人血清/血浆 IgG 分析的阳性对照，用于数据分析中的 Robust-Linear-Model 方法的归一化。 The Anti-human IgG gradient serves as a positive control for human serum/plasma IgG profiling, and is used for Robust-Linear-Model Normalization in data analysis.
GST (glutathione S-transferase) 10 ng/μl GST (glutathione S-transferase) 50 ng/μl GST (glutathione S-transferase) 100 ng/μl GST (glutathione S-transferase) 200 ng/μl	GST 蛋白质梯度作为阴性对照，用于背景和统计显著性计算。 The glutathione S-transferase (GST) protein gradient serves as a negative control, and is used for background and statistical significance calculations.
Buffer	只有点制缓冲液，阴性对照。 Printing buffer only, negative control.