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10-9534: Recombinant Rabbit Monoclonal Antibody to Polyethylene Glycol (Clone: RM105)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM105
Application :	WB,IP,ICC,IHC,FACS,ELISA
Reactivity :	All Species
Format :	Purified
Isotype :	Rabbit IgG
Immunogen Information :	KLH-PEG with terminal methoxy group

Product Info

Amount :	100 µg
Purification :	Protein A affinity purified from an animal origin-free culture supernatant
Content :	1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage condition :	Store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Clone RM105 reacts to the methoxy group of Polyethylene glycol (PEG). It is specific for methoxypolyethylene glycol. ELISA: 0.01 ÃÂµg/ml-0.3 ÃÂµg/ml; Immunohistochemistry (IHC): 0.5 ÃÂµg/ml-2 ÃÂµg/ml; Western Blot (WB) : 0.05 ÃÂµg/ml-1 ÃÂµg/ml.

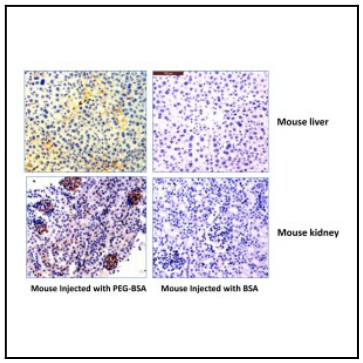

Figure 1: Immunohistochemistry of mouse liver and kidney using 0.5 µg/ml of anti-PEG Clone: RM105. The mouse was injected with PEG-BSA or BSA for 3 hours before sampling.

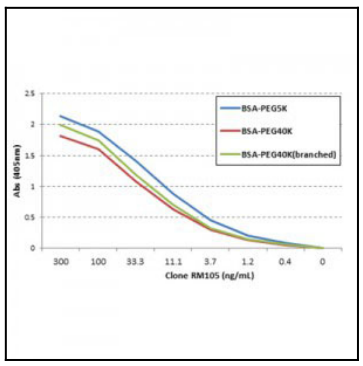

Figure 2: ELISA of three different PEGylated BSAs using anti-PEG Clone: RM105, followed by an AP conjugated goat anti-rabbit IgG.

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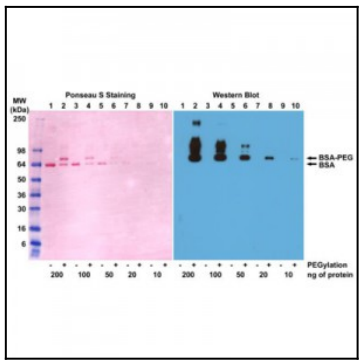

Figure 3: Western blot of BSA and PEGylated BSA (mPEG 5 kDa)using 0.1 µg/ml of anti-PEG Clone: RM105.