

BM680**Monoclonal Antibody to Phencyclidine / PCP - Aff - Purified**

Alternate names:	1-(1-phenylcyclohexyl)piperidine, Phenylcyclohexylpiperidine
Quantity:	0.2 mg
Concentration:	1.0 mg/ml
Background:	Phencyclidine is a dissociative drug that acts by modulating secretogranin II [sg II] expression in prefrontal cortex tissue in the absence of afferent inputs. The nature of these changes is dependent upon the duration of exposure to and/or withdrawal from phencyclidine. It is used as an anesthetic by veterinarians and is illicitly taken for its hallucinogen effects.
Host / Isotype:	Mouse / IgG1
Clone:	4A/7
Immunogen:	Phencyclidine conjugated to Bovine Serum Albumin.
Format:	State: Liquid purified IgG fraction Purification: Affinity Chromatography Buffer System: PBS, pH 7.15 Preservatives: 0.09% Sodium Azide
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with Phencyclidine and displays minimal reactivity with Amphetamines, Benzoyl ecgonine, Opiates and Cannabinoids. The sensitivity of this antibody has been calculated as < 20 ng/ml by ELISA.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.