

**12-8164: Anti-Morphine (MORP-6358)**

**Clonality :** Monoclonal  
**Clone Name :** MORP-6358  
**Application :** ELISA  
**Isotype :** Mouse IgG1 L

**Description**

Specificity: Anti-Morphine (Clone MORP-6358) is specific for morphine.

Background: Morphine is an opioid analgesic derived from the opium poppy plant that is a powerful pain-relieving medication used to treat both acute and chronic pain. Morphine binds to specific receptors in the brain and spinal cord known as opioid receptors and by doing so, modulates the perception of pain and alters the emotional response to it. However, its use is associated with the risk of addiction and dependence. Diagnostic testing for morphine abuse typically involves urine, blood, or hair analysis. Urine tests are commonly employed, detecting the presence of morphine or its metabolites and providing valuable information for healthcare professionals in assessing and addressing substance abuse issues related to this potent opioid.

**Product Info**

**Amount :** 1.0 mg  
**Purification :** Purity: >98% by SDS Page  
Preparation: This monoclonal antibody is purified by Protein A chromatography.  
**Content :** Concentration:  $\geq 1.0$  mg/ml  
Formulation: Formulated in phosphate buffered saline, pH 7.4 and contains 0.05% sodium azide.  
**Storage condition :** 2-8°C