



# Mouse Anti-Mercury Monoclonal Antibody, clone Hg (CABT-L251M)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Mercury with carrier protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	N/A
<b>Clone</b>	Hg
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, LFIA
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	1 mg
<b>Buffer</b>	PBS
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. Avoid Freeze/Thaw Cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

**Introduction**

Mercury is a silvery room-temperature heavy metal and a chemical element. Mercury is found in natural ores deposits and manufactured devices such as barometers, thermometers, dry-cell batteries, switches, fluorescent light bulbs, and other various electronics. Mercury can seep into water supplies from improperly discarded devices containing it, as runoff from landfills & farm land, dumped by factories, or from natural deposits. Mercury is extremely toxic and precautions must be taken when handling or disposing of it, as mercury can be absorbed through the skin and inhaled. Mercury poisoning deteriorates the nervous system, can impair hearing, speech, vision and gait, involuntary muscle movements, corrodes skin and mucous membranes, and causes chewing and swallowing to become difficult.

**Keywords**

Mercuric ion;Mercury