



# Mouse Anti-Gabapentin Monoclonal antibody, clone 43DF3 (CABT-RM214)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Gabapentin, Pregabalin 12%
<b>Target</b>	Gabapentin
<b>Immunogen</b>	Gabapentin-BSA
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	N/A
<b>Clone</b>	43DF3
<b>Purification</b>	DEAE Purified,>95% by SDS-PAGE/HPLC
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA, LFIA
<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	0.015M Potassium Phosphate Buffer, 0.85% NaCl, pH 7.2
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.
<b>Ship</b>	Cold Packs

# BACKGROUND

**Introduction**

Gabapentin is an anticonvulsant medication used to treat partial seizures, neuropathic pain, hot flashes, and restless legs syndrome. It is recommended as one of a number of first-line medications for the treatment of neuropathic pain caused by diabetic neuropathy, postherpetic neuralgia, and central neuropathic pain. About 15% of those given gabapentin for diabetic neuropathy or postherpetic neuralgia have a measurable benefit.

**Keywords**

Neurontin; 1-(aminomethyl)cyclohexaneacetic acid; Gabapentin