



## DATA SHEET

**For research use only. Not for use in humans.**

<b>Reagent:</b>	Monoclonal Anti-Human APOBEC3B Antibody (5210-08-15)
<b>Catalog Number:</b>	ARP-12398
<b>Lot Number:</b>	190377
<b>Release Category:</b>	E
<b>Provided:</b>	<p>Each vial of ARP-12398 contains approximately 100 micrograms of purified monoclonal antibody at a concentration of approximately 1.096 milligrams per milliliter in phosphate buffered saline (PBS), pH 7.4. The antibody is sterile filtered and contains no preservatives. Purity is 95% as determined by SDS-PAGE analysis.</p> <p><u>Note:</u> The endotoxin level for ARP-12398 lot 190377 was above 3 EU per milligram. Please consider whether this material is acceptable for your application.</p>
<b>Description:</b>	<p>ARP-12398 is a recombinant monoclonal antibody that was raised against a synthetic peptide of human APOBEC3B (amino acids 356 to 382).</p> <p>The nucleotide sequence for APOBEC3B is available (GenBank: <a href="#">NM_004900</a>).</p>
<b>Host:</b>	Rabbit
<b>Special Characteristics:</b>	ARP-12398 was produced in cell culture and purified by Protein A chromatography. It originates from a hybridoma. This antibody cross-reacts with APOBEC3A in immunoblot analysis. ARP-12398 is functional in ELISA. The user should determine the optimal concentration for any application.
<b>Recommended Storage:</b>	Keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.
<b>Contributor:</b>	Dr. Reuben S. Harris
<b>Citation:</b>	Acknowledgment for publications should read "The following reagent was obtained through the NIH HIV Reagent Program, Division of AIDS, NIAID, NIH: Monoclonal Anti-Human APOBEC3B Antibody (5210-08-15), ARP-12398, contributed by Dr. Reuben S. Harris."
<b>Biosafety Level: 1</b>	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. <u>Biosafety in Microbiological and Biomedical Laboratories</u> . 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see <a href="http://www.cdc.gov/biosafety/publications/bmbl5/index.htm">www.cdc.gov/biosafety/publications/bmbl5/index.htm</a> .
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