**Data Sheet**

**Antibody 450**

**Antigen:** Purified, full length CFTR

**Antigenic Site:** R Domain. Antibody binding is attenuated by phosphorylation of CFTR.

**Antibody Class:** Mouse IgG1kappa

**Vial contents:** 200 l of ascites as a 50% glycerol solution containing 0.05% azide as preservative.

**Storage:** The antibody is stable at -20oC for at least 6 months. For long term storage, prepare aliquots and store at -80oC. Avoid repetitive freeze thaw cycles.

Recommended working dilutions:

* + Western Blots: 1:500 to 1:2000
	+ Immunochemistry: 1:250 to 1:1000

It is suggested the investigator determine a suitable working concentration empirically for each assay utilized. Suitability for a specific application should be determined by the investigator.

The antibody has been tested in Western blots against 1 g crude membrane proteins prepared from a cell line over expressing CFTR (Figure 1).



Figure 1: Western Blot of CFTR . Ab dilution 1:1000. Detected using Li Core Odyssey Infrared imager.