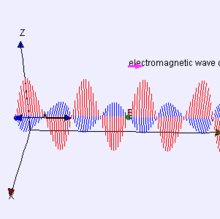
**IS LIGHT REALLY JUST A WAVE?**

**NO, There is no material thing or stuff that moves in *any* direction in a pure EM wave. Waves are traveling disturbances. The thing disturbed in a EM wave is the value of the Electric and Magnetic fields. That's it. Full stop.**



[**https://i.stack.imgur.com/DR4bA.gif**](https://i.stack.imgur.com/DR4bA.gif)

**Electromagnetic waves can be imagined as a self-propagating transverse oscillating wave of electric and magnetic fields. This 3D animation shows a plane linearly polarized wave propagating from left to right. Note that the electric and magnetic fields in such a wave are in-phase with each other, reaching minima and maxima together**